

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018251.D
 Acq On : 17 Dec 2018 16:26
 Operator : JU/SJ
 Sample : J6378-13MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

Manual Integrations
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 12/18/2018 6:15:00 PM

Quant Time: Dec 18 01:33:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	155391	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	565006	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	251054	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	473402	20.00	ng	0.00
76) Chrysene-d12	21.14	240	521095	20.00	ng	0.00
87) Perylene-d12	23.30	264	598856	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1325995	142.55	ng	0.00
7) Phenol-d6	6.70	99	1714421	132.60	ng	0.00
23) Nitrobenzene-d5	8.66	82	1048267	95.17	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	409443	111.12	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1743735	89.96	ng	0.00
79) Terphenyl-d14	19.57	244	1794997	77.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	131396	35.658	ng	98
3) Pyridine	3.51	79	397340	36.653	ng	98
4) n-Nitrosodimethylamine	3.43	42	176082	47.191	ng	98
6) Aniline	6.85	93	464435	28.635	ng	99
8) 2-Chlorophenol	7.07	128	481007	43.765	ng	96
9) Benzaldehyde	6.66	77	155928	19.786	ng	93
10) Phenol	6.73	94	708419	51.737	ng	99
11) bis(2-Chloroethyl)ether	6.95	93	450789	41.424	ng	98
12) 1,3-Dichlorobenzene	7.38	146	531100	43.274	ng	97
13) 1,4-Dichlorobenzene	7.53	146	824647	66.169	ng	99
14) 1,2-Dichlorobenzene	7.84	146	500252	41.639	ng	99
15) Benzyl Alcohol	7.75	79	427761	40.603	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	382905	39.099	ng	95
17) 2-Methylphenol	7.95	107	390949	42.760	ng	97
18) Hexachloroethane	8.55	117	197548	43.246	ng	96
19) n-Nitroso-di-n-propylamine	8.31	70	367058	38.022	ng	97
20) 3+4-Methylphenols	8.28	107	515918	40.271	ng	98
22) Acetophenone	8.32	105	719452	48.118	ng	100
24) Nitrobenzene	8.70	77	531449	48.286	ng	100
25) Isophorone	9.22	82	899789	49.065	ng	98
26) 2-Nitrophenol	9.40	139	247182	45.789	ng	99
27) 2,4-Dimethylphenol	9.47	122	413129	53.101	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	563851	47.168	ng	97
29) 2,4-Dichlorophenol	9.93	162	395709	45.874	ng	98
30) 1,2,4-Trichlorobenzene	10.13	180	444117	45.263	ng	94
31) Naphthalene	10.31	128	1625840	58.849	ng	99
32) Benzoic acid	9.65	122	251548m	34.145	ng	
33) 4-Chloroaniline	10.45	127	236123	19.511	ng	98
34) Hexachlorobutadiene	10.58	225	273098	44.009	ng	99
35) Caprolactam	11.26	113	113328m	34.478	ng	
36) 4-Chloro-3-methylphenol	11.59	107	408429	39.405	ng	100
37) 2-Methylnaphthalene	11.93	142	987551	50.687	ng	99
38) 1-Methylnaphthalene	12.16	142	895745	47.116	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	448502	51.951	ng	98

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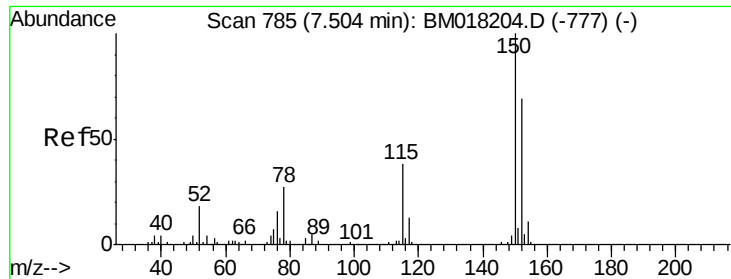
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 12/18/2018 6:15:00 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	378653	98.120	ng	99
43) 2,4,6-Trichlorophenol	12.57	196	286044	51.515	ng	96
44) 2,4,5-Trichlorophenol	12.65	196	291082	49.379	ng	98
46) 1,1'-Biphenyl	12.97	154	1097704	48.602	ng	98
47) 2-Chloronaphthalene	13.02	162	827691	49.790	ng	99
48) 2-Nitroaniline	13.24	65	238022	46.481	ng	97
49) Acenaphthylene	13.87	152	1252671	50.004	ng	99
50) Dimethylphthalate	13.63	163	1076783	51.590	ng	99
51) 2,6-Dinitrotoluene	13.76	165	207114	45.140	ng	98
52) Acenaphthene	14.22	154	722966	47.223	ng	98
53) 3-Nitroaniline	14.09	138	139351	28.860	ng	98
54) 2,4-Dinitrophenol	14.31	184	204052	80.620	ng	91
55) Dibenzofuran	14.56	168	1123236	45.660	ng	99
56) 4-Nitrophenol	14.42	139	302470	82.622	ng	94
57) 2,4-Dinitrotoluene	14.56	165	280340	44.203	ng	94
58) Fluorene	15.22	166	886243	46.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	236399	44.529	ng	# 98
60) Diethylphthalate	15.00	149	914619	40.606	ng	98
61) 4-Chlorophenyl-phenylether	15.22	204	446919	41.592	ng	98
62) 4-Nitroaniline	15.27	138	166497	36.340	ng	92
63) Azobenzene	15.51	77	887430	43.209	ng	99
65) 4,6-Dinitro-2-methylphenol	15.33	198	134216	38.512	ng	94
66) n-Nitrosodiphenylamine	15.44	169	756604	48.331	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	264548	46.142	ng	96
68) Hexachlorobenzene	16.22	284	280880	44.719	ng	95
69) Atrazine	16.41	200	301384	57.027	ng	100
70) Pentachlorophenol	16.57	266	331626	79.944	ng	98
71) Phenanthrene	16.96	178	1279405	49.755	ng	100
72) Anthracene	17.05	178	1246482	48.862	ng	99
73) Carbazole	17.33	167	1117944	42.696	ng	99
74) Di-n-butylphthalate	17.90	149	1401304	43.374	ng	99
75) Fluoranthene	18.99	202	1367148	45.730	ng	99
77) Benzidine	19.20	184	528259	39.977	ng	99
78) Pyrene	19.36	202	1407198	45.321	ng	99
80) Butylbenzylphthalate	20.29	149	655340	44.366	ng	100
81) Benzo(a)anthracene	21.13	228	1475042	48.458	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	405632	33.355	ng	96
83) Chrysene	21.18	228	1392792	47.570	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1066567	48.449	ng	99
85) Di-n-octyl phthalate	21.93	149	1787905	49.590	ng	99
86) Indeno(1,2,3-cd)pyrene	25.45	276	1986432	68.110	ng	99
88) Benzo(b)fluoranthene	22.67	252	1661000	49.377	ng	99
89) Benzo(k)fluoranthene	22.71	252	1517616	45.300	ng	97
90) Benzo(a)pyrene	23.21	252	1576367	49.271	ng	99
91) Dibenzo(a,h)anthracene	25.46	278	1700925	57.392	ng	99
92) Benzo(g,h,i)perylene	26.10	276	1650199	58.904	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

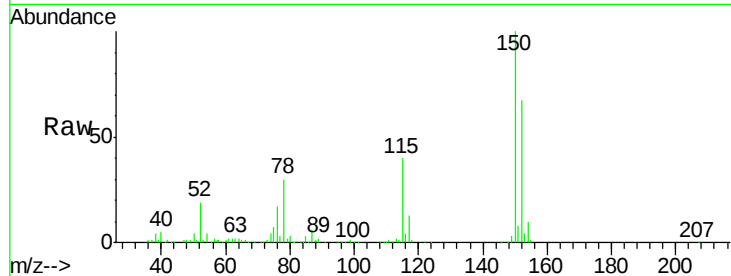
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
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ClientSampleId :
P001-SD012-0612-01MSD

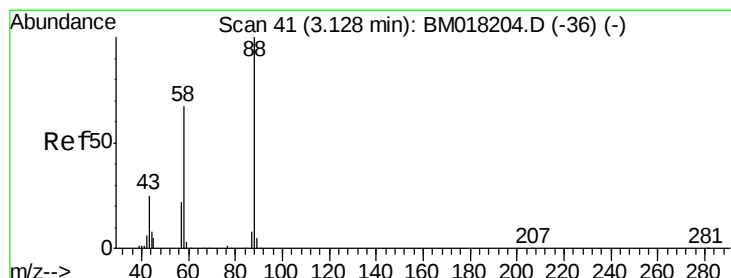
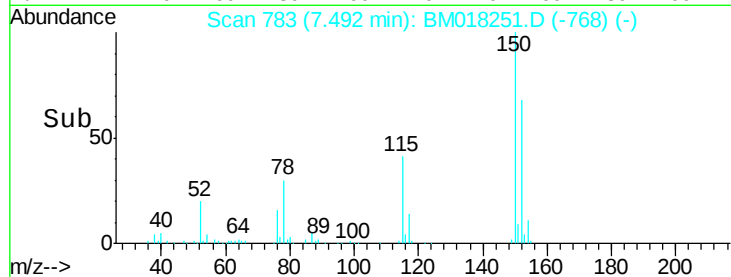
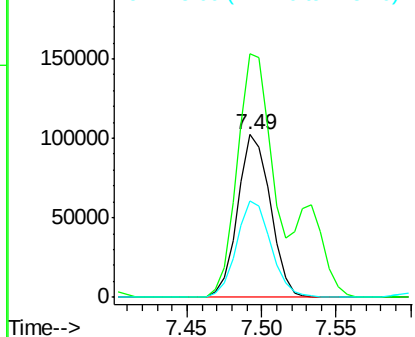
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.9	116.1	174.1
115	59.6	44.6	67.0

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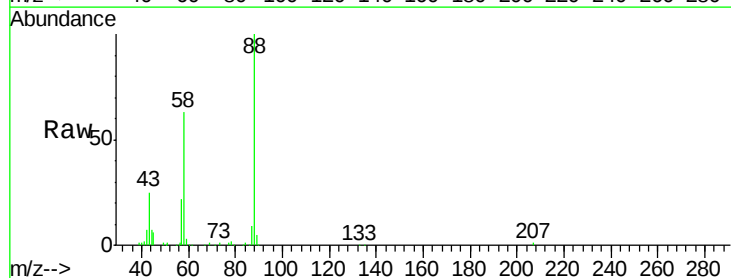
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



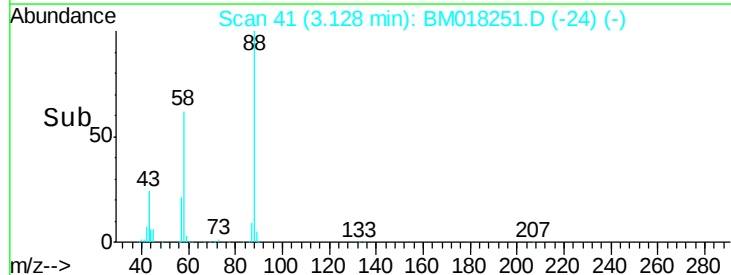
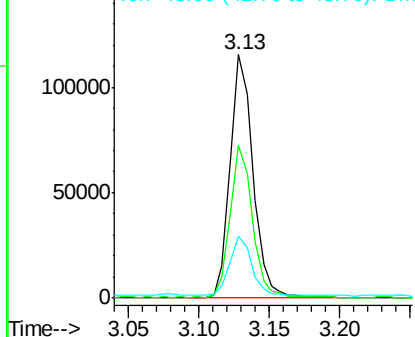
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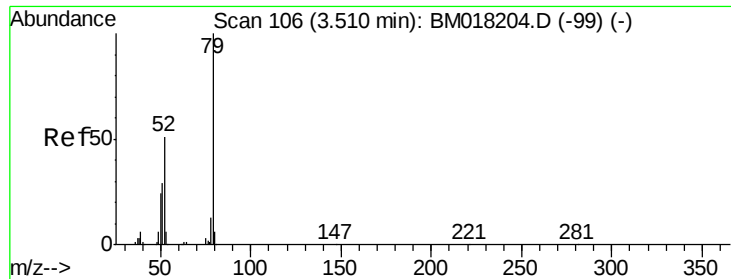
1,4-Dioxane
Concen: 35.658 ng
RT: 3.13 min Scan# 41
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	49.8	74.6
43	23.5	19.1	28.7



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





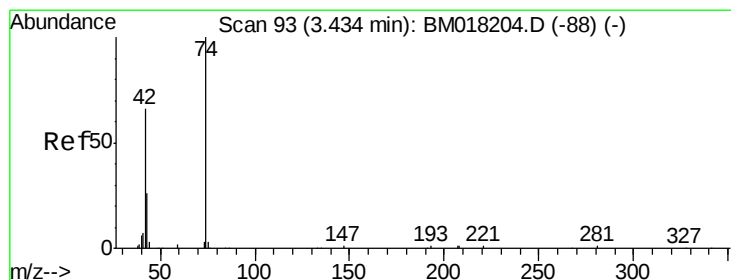
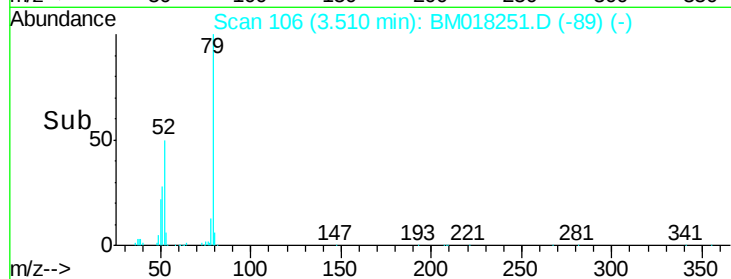
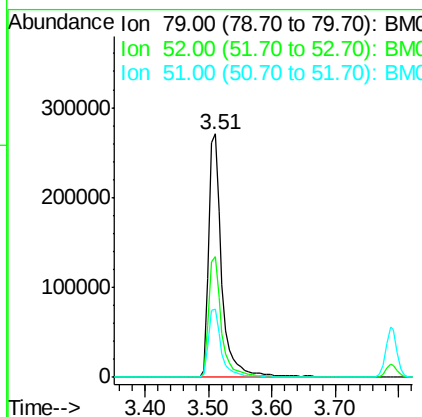
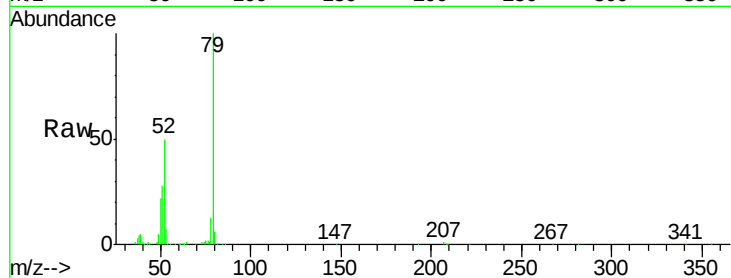
#3
 Pyridine
 Concen: 36.653 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Instrument :
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 P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	49.7	40.7	61.1
51	28.1	23.0	34.6

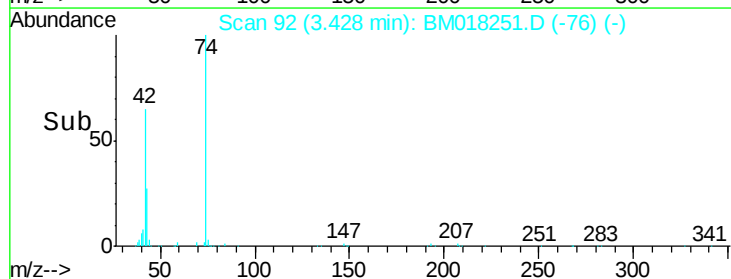
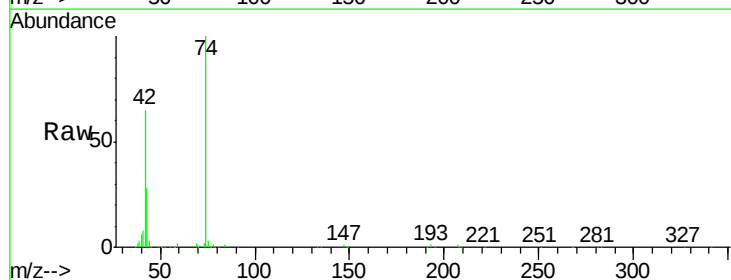
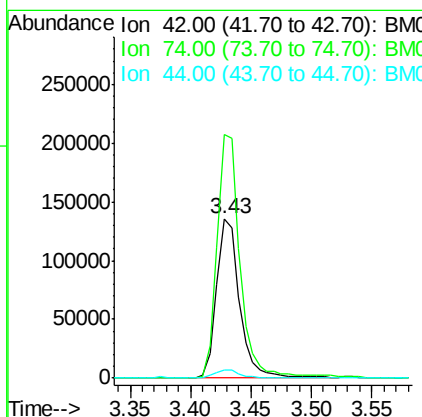
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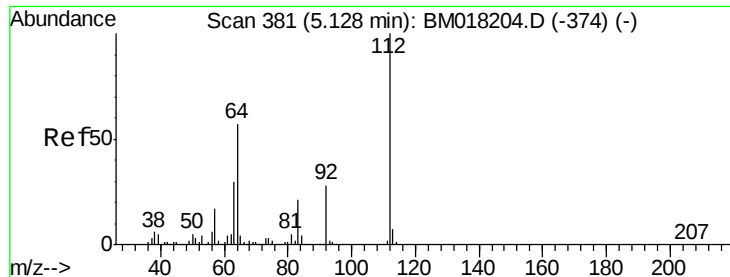
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#4
 n-Nitrosodimethylamine
 Concen: 47.191 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.7	120.4	180.6
44	5.0	4.6	7.0





#5

2-Fluorophenol

Concen: 142.547 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 112 Resp: 1325995

Ion Ratio Lower Upper

112 100

64 57.0 45.4 68.2

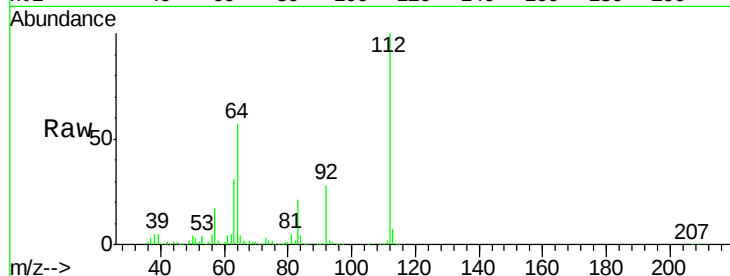
63 30.5 24.0 36.0

Manual Integrations

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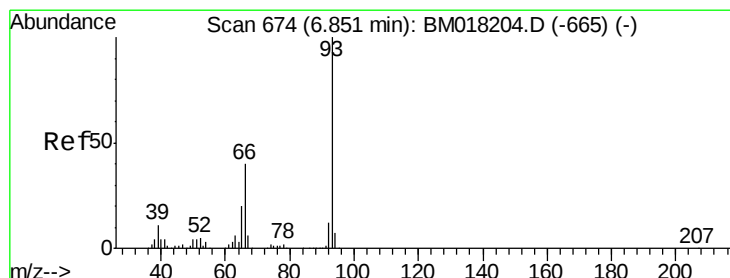
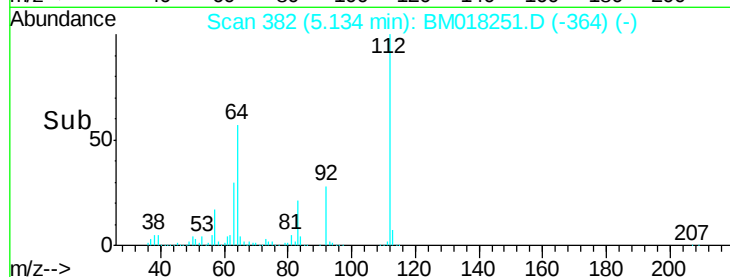
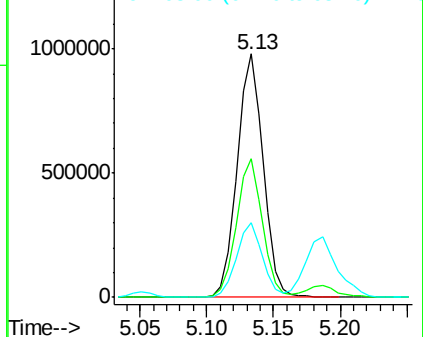
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 28.635 ng

RT: 6.85 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

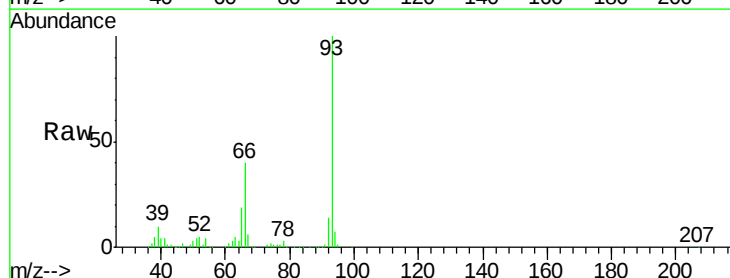
Tgt Ion: 93 Resp: 464435

Ion Ratio Lower Upper

93 100

66 39.6 32.3 48.5

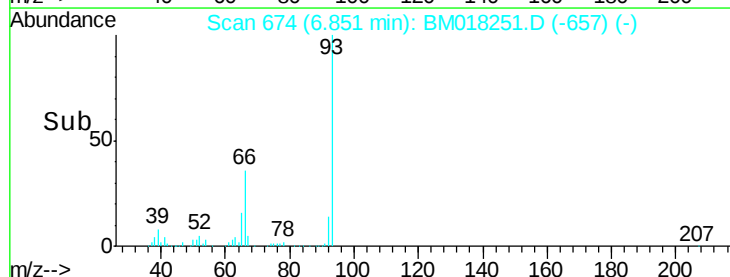
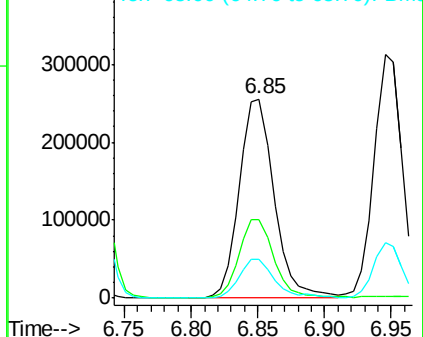
65 19.5 16.2 24.4

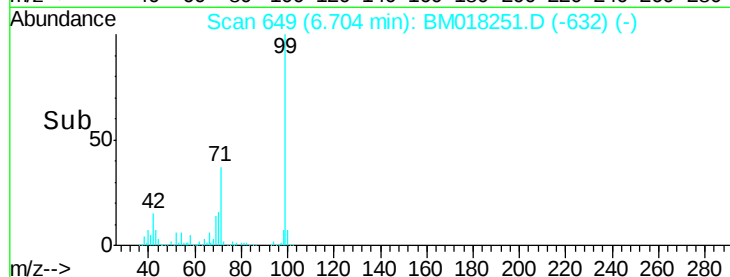
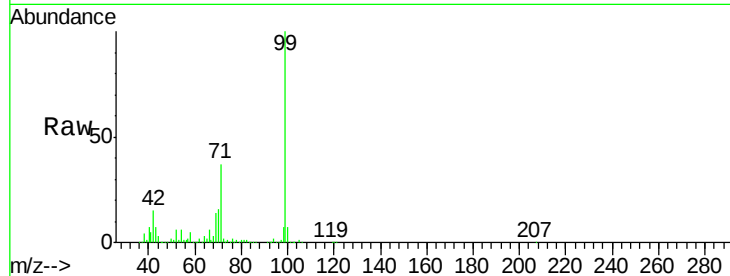
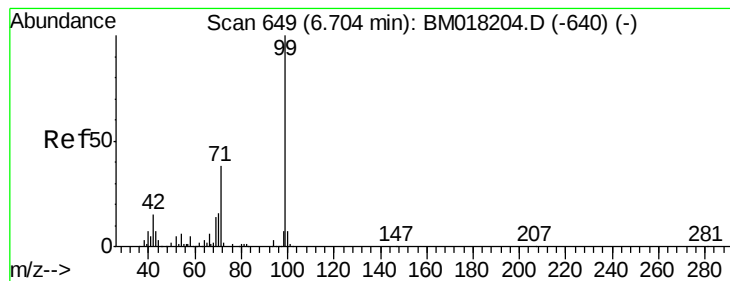


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 132.600 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	99	Resp:	1714421
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.3	18.5
71	37.3	30.2	45.2

Instrument :

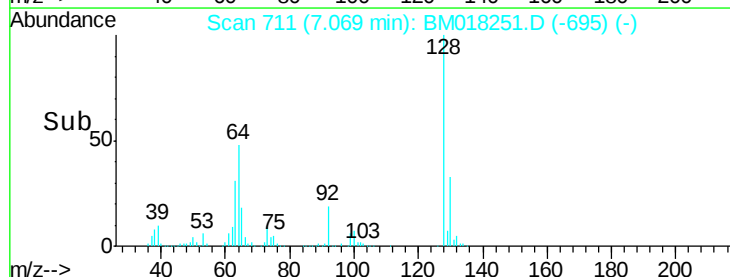
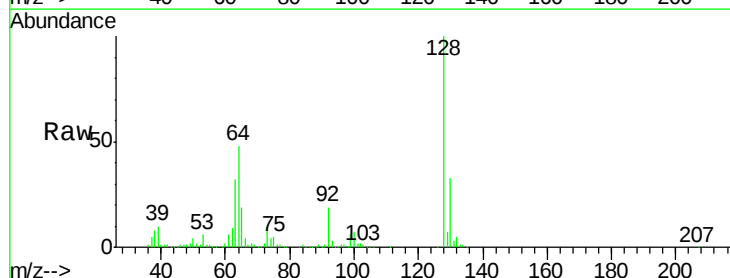
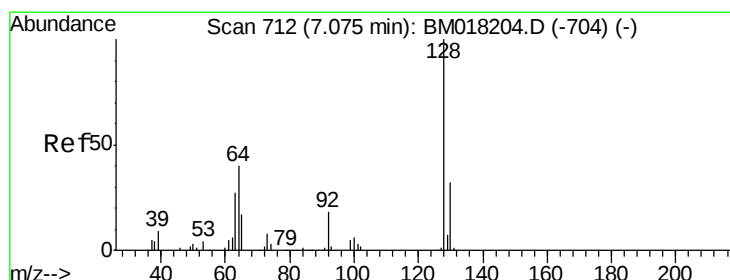
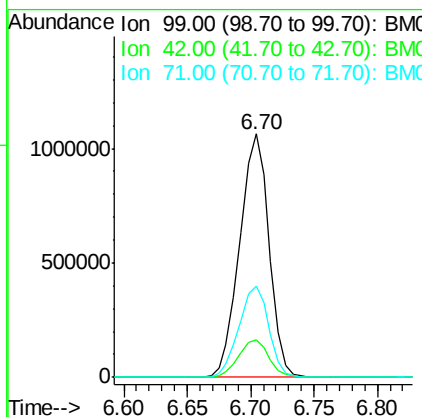
BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

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#8

2-Chlorophenol

Concen: 43.765 ng

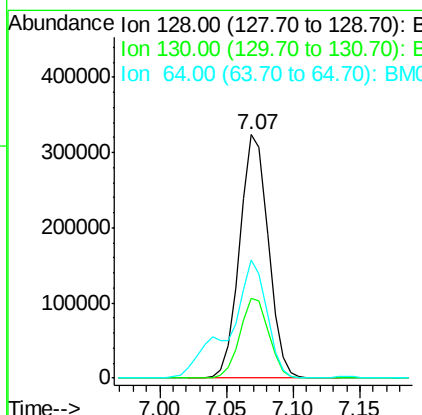
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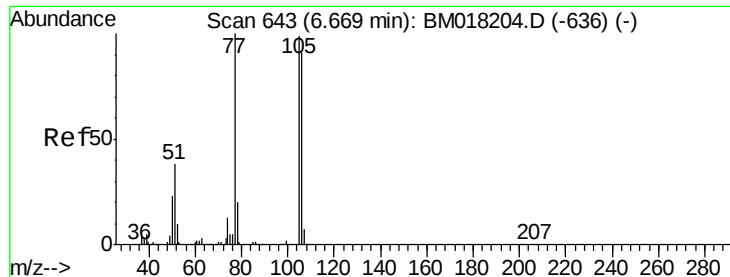
Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	128	Resp:	481007
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	48.4	24.1	64.1





#9

Benzaldehyde

Concen: 19.786 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

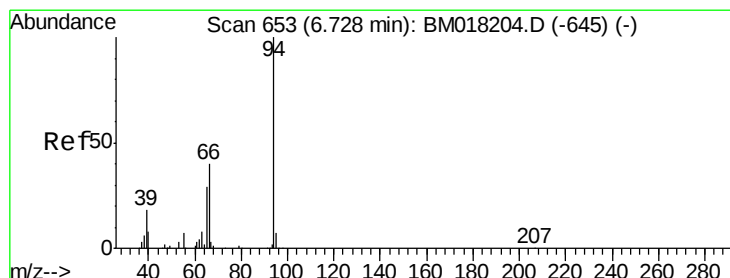
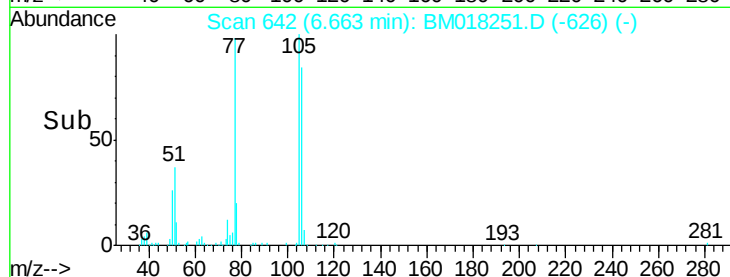
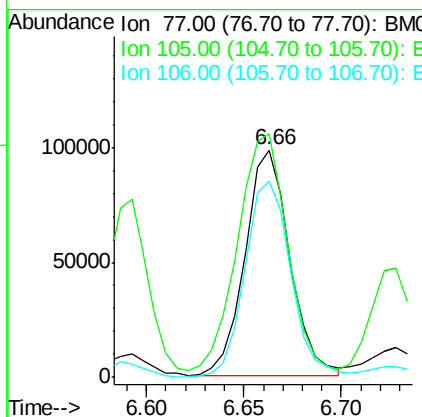
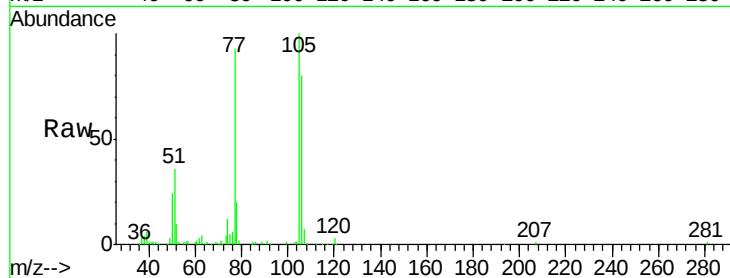
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	77	Resp:	155928
Ion	Ratio	Lower	Upper
77	100		
105	107.2	78.8	118.8
106	86.2	70.7	110.7

Manual Integrations
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#10

Phenol

Concen: 51.737 ng

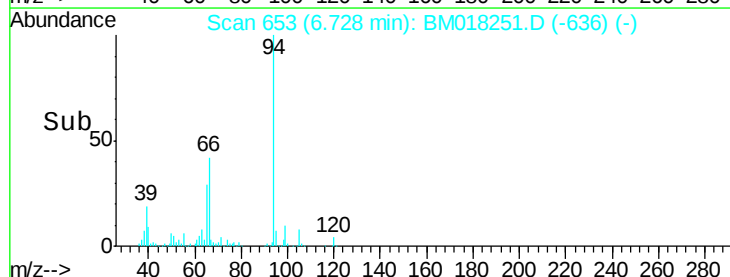
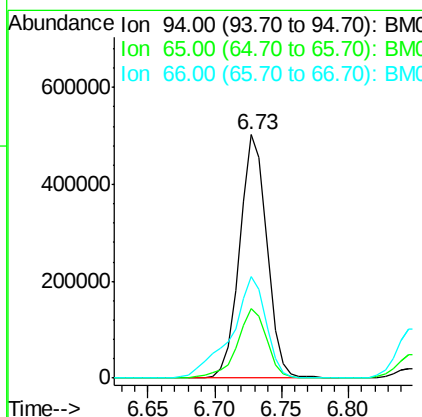
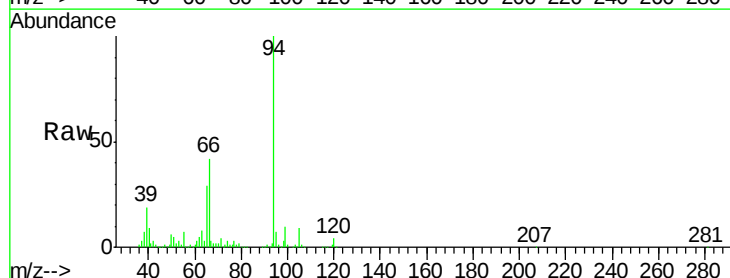
RT: 6.73 min Scan# 653

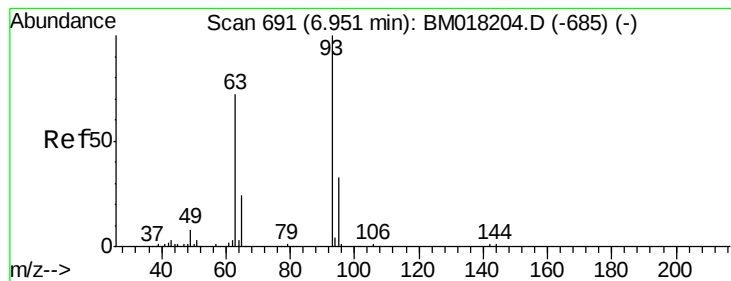
Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	94	Resp:	708419
Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.5	49.5
66	41.7	21.3	61.3





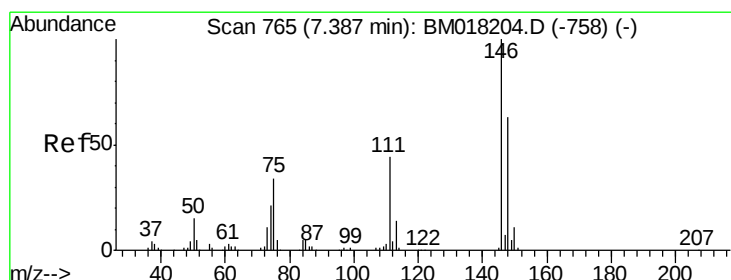
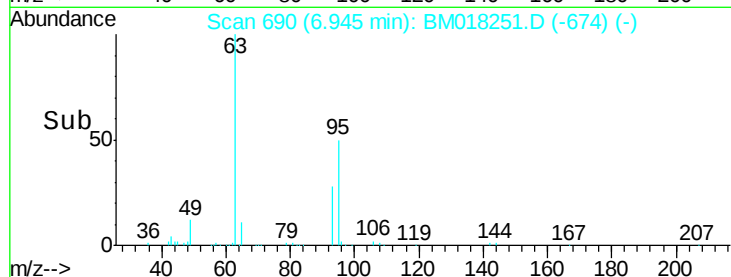
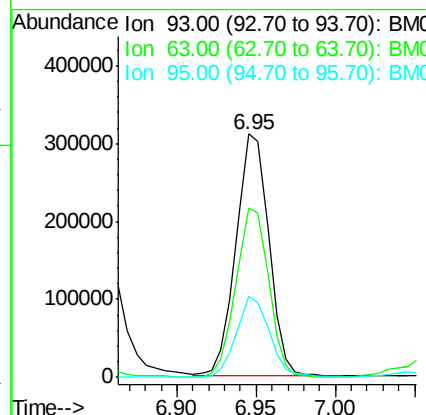
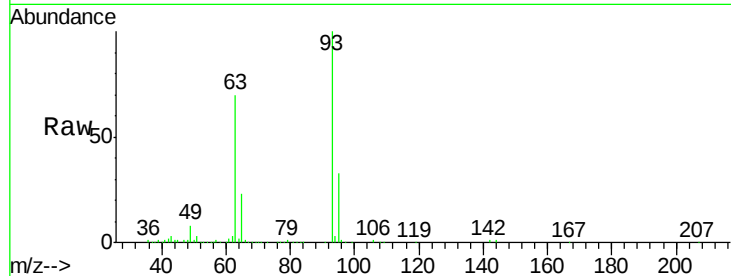
#11
bis(2-Chloroethyl)ether
Concen: 41.424 ng
RT: 6.95 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.7	51.7	91.7
95	33.1	13.1	53.1

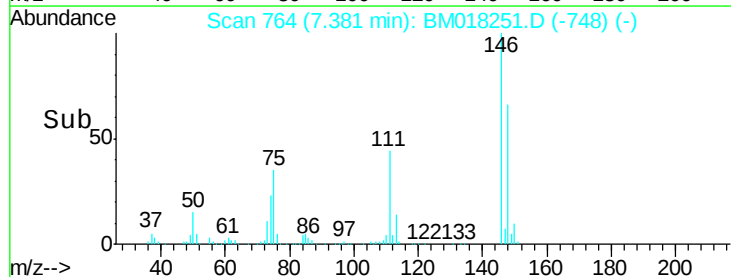
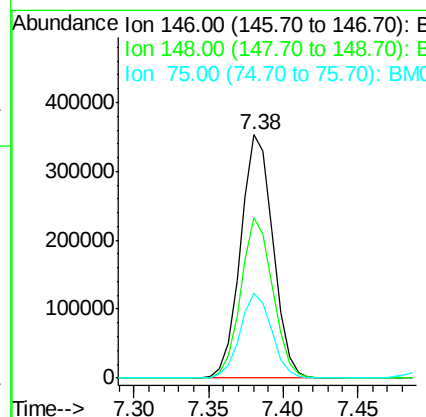
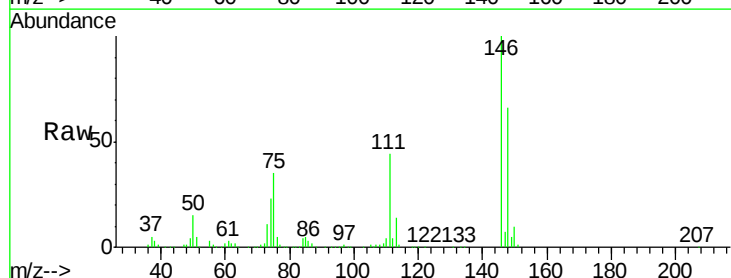
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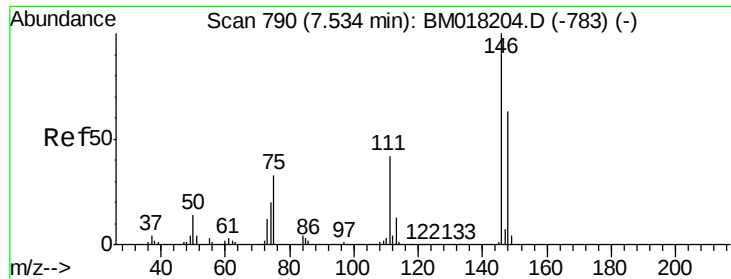
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.274 ng
RT: 7.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.6	76.0
75	34.7	27.0	40.4





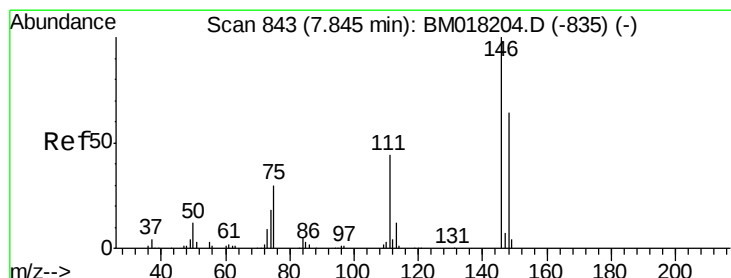
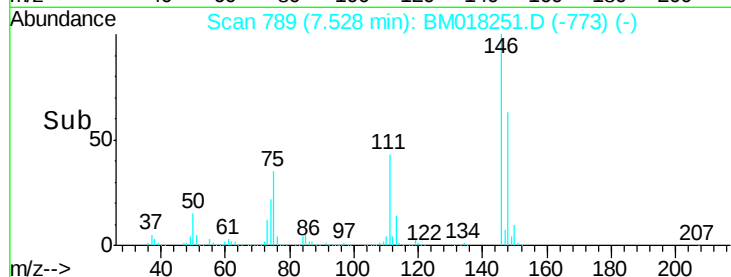
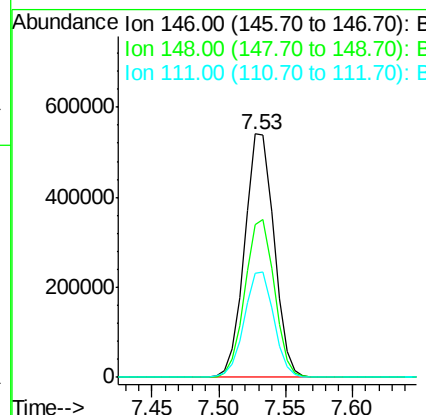
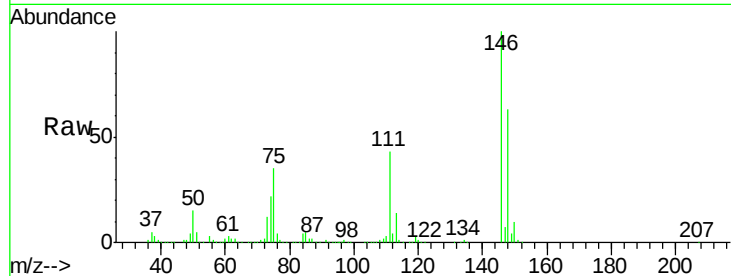
#13
 1,4-Dichlorobenzene
 Concen: 66.169 ng
 RT: 7.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.7	76.1
111	43.0	34.2	51.2

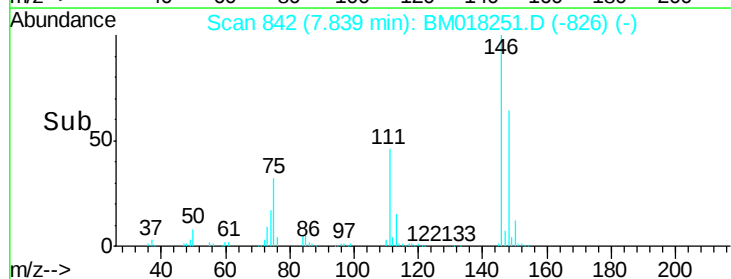
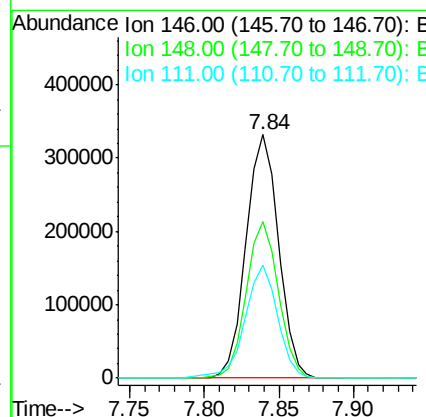
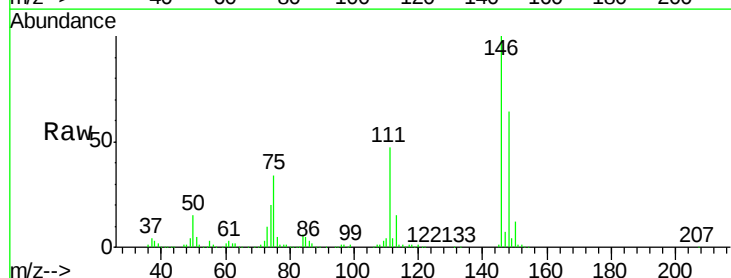
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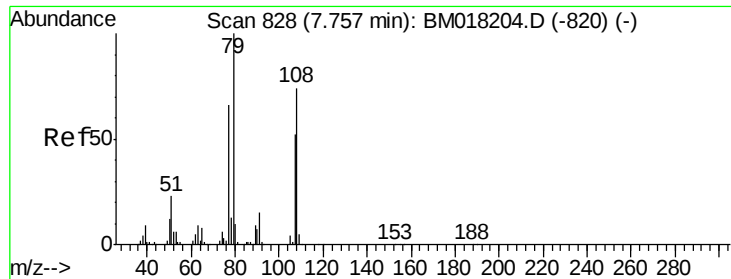
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.639 ng
 RT: 7.84 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	46.6	35.8	53.8





#15

Benzyl Alcohol

Concen: 40.603 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

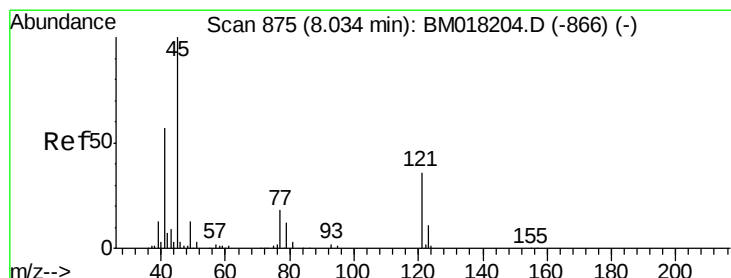
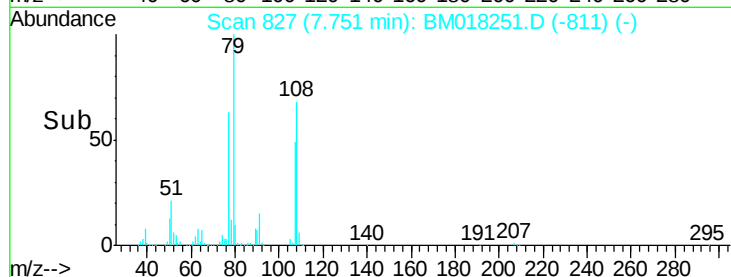
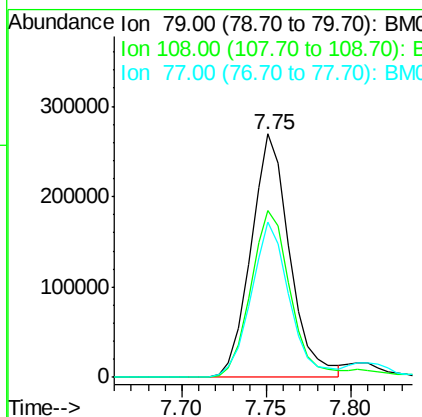
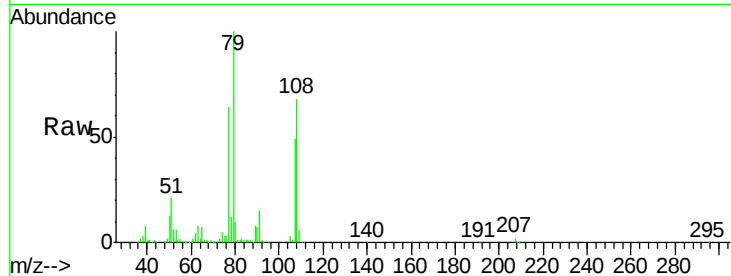
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	79	Resp:	427761
Ion Ratio	Lower	Upper	
79	100		
108	68.3	59.3	88.9
77	63.5	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.099 ng

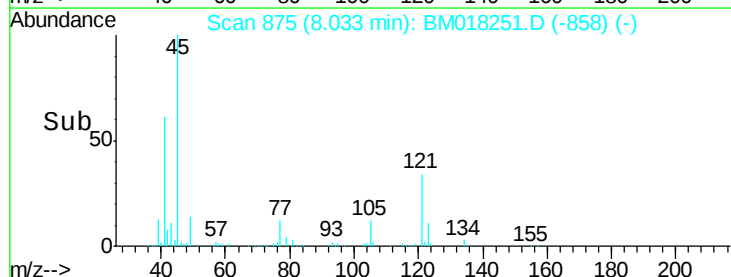
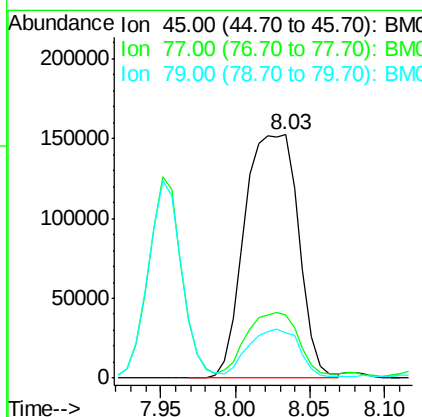
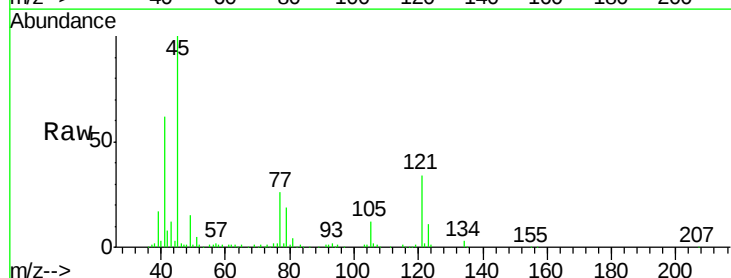
RT: 8.03 min Scan# 875

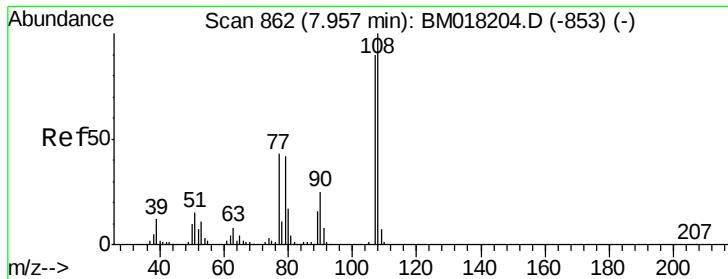
Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	45	Resp:	382905
Ion Ratio	Lower	Upper	
45	100		
77	25.7	2.5	42.5
79	18.8	0.0	37.2





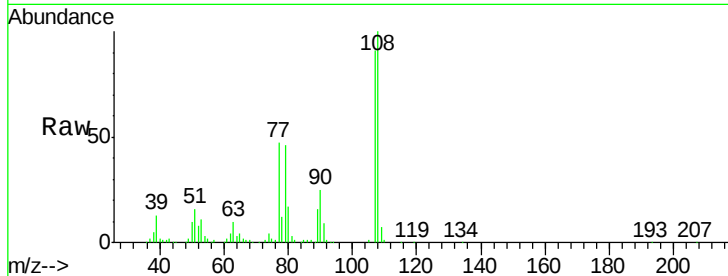
#17
2-Methylphenol
Concen: 42.760 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

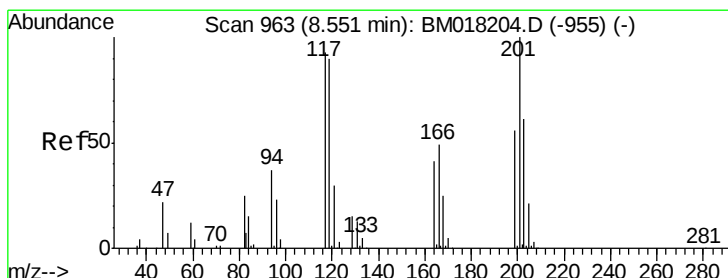
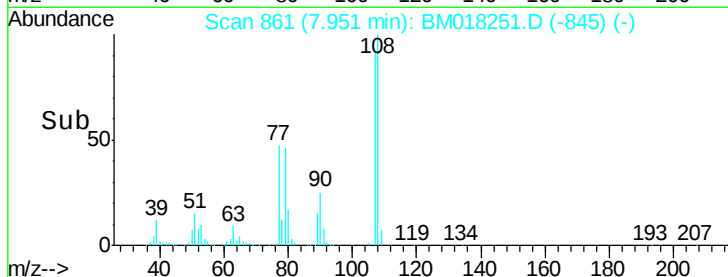
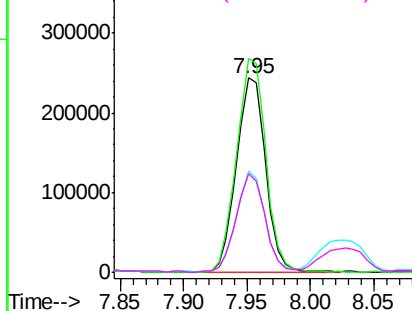
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	390949		
108	110.0	89.3	133.9	
77	51.8	38.2	57.4	
79	50.8	37.7	56.5	

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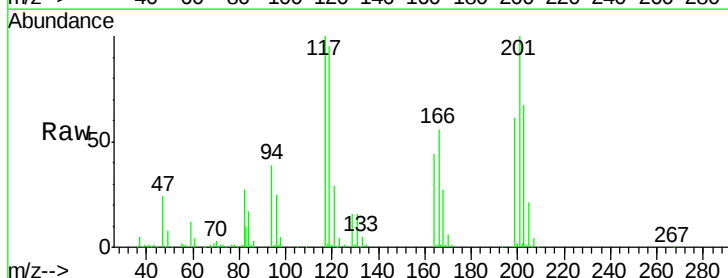


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

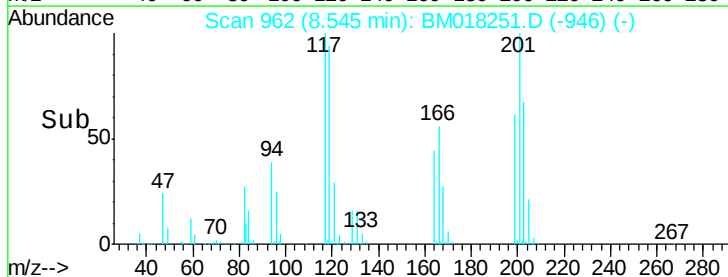
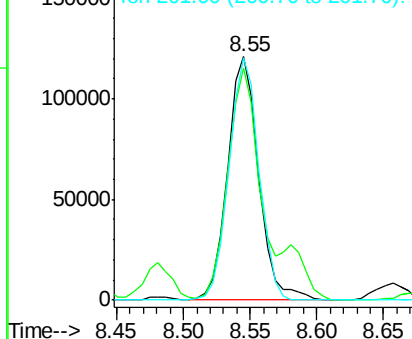


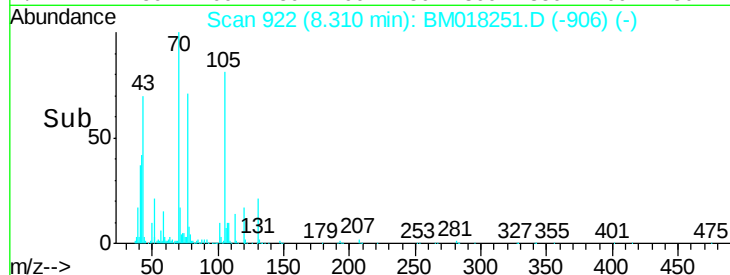
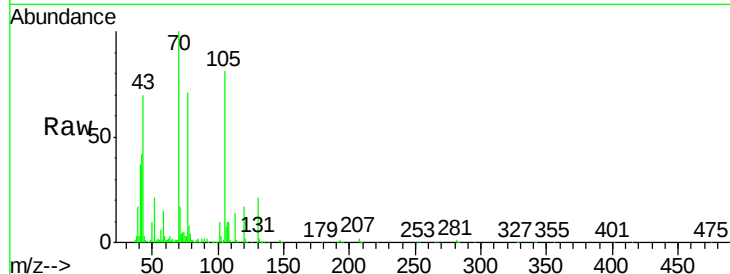
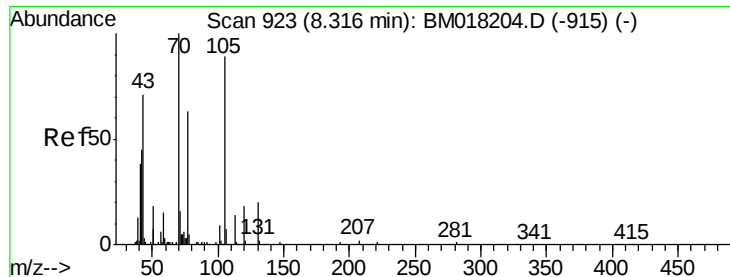
#18
Hexachloroethane
Concen: 43.246 ng
RT: 8.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	197548		
119	95.1	77.0	115.4	
201	99.8	85.7	128.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





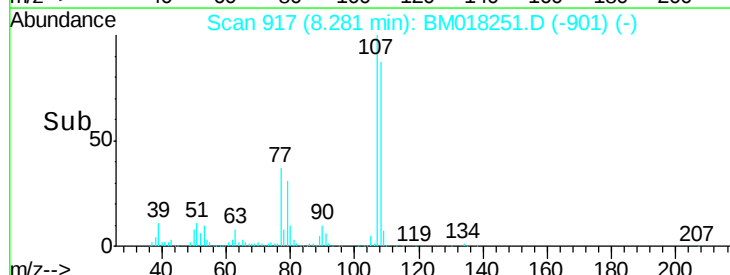
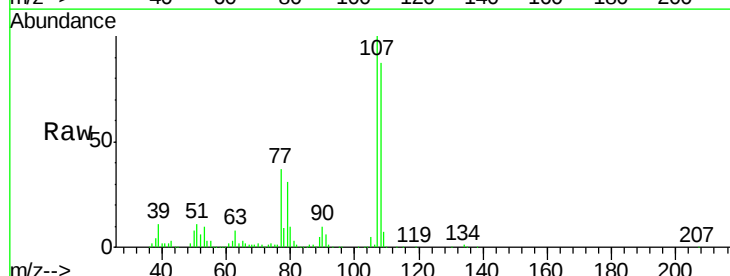
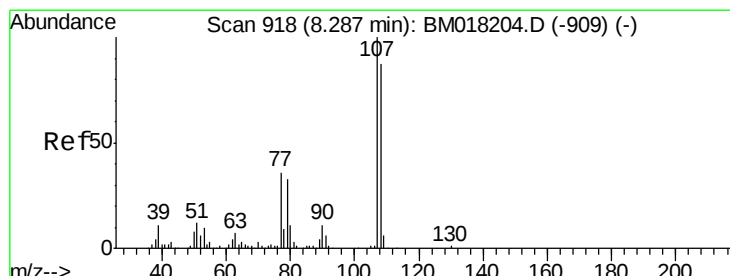
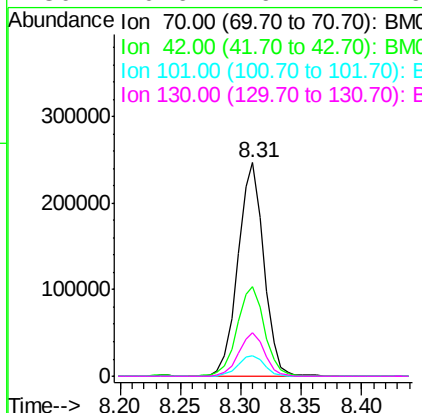
#19
n-Nitroso-di-n-propylamine
Concen: 38.022 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.0	36.2	54.2
101	9.8	7.5	11.3
130	20.6	16.4	24.6

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

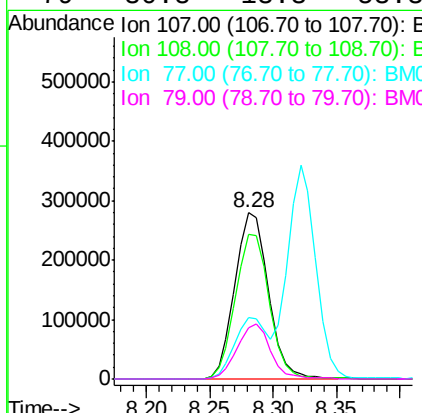
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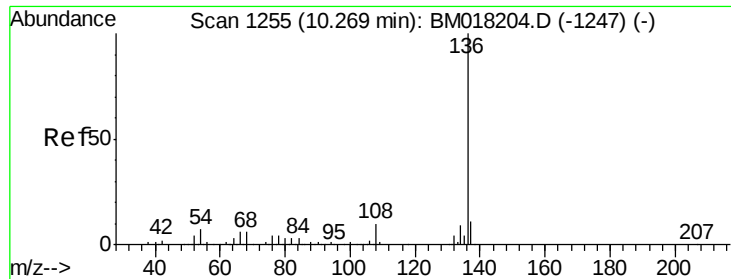
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#20
3+4-Methylphenols
Concen: 40.271 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.4	107.4
77	36.8	15.7	55.7
79	30.8	13.3	53.3





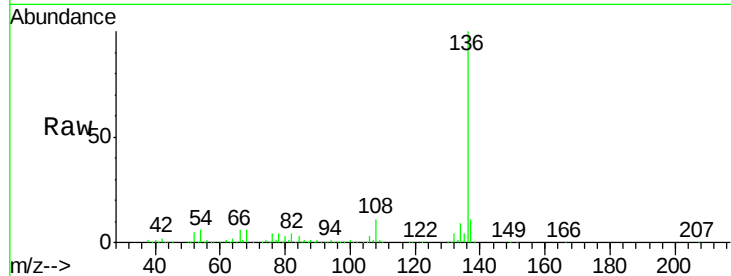
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	565006		
137	10.9	9.2	13.8	
54	6.4	5.2	7.8	
68	5.7	5.0	7.6	

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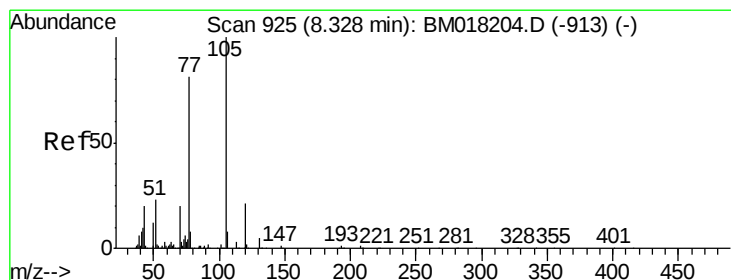
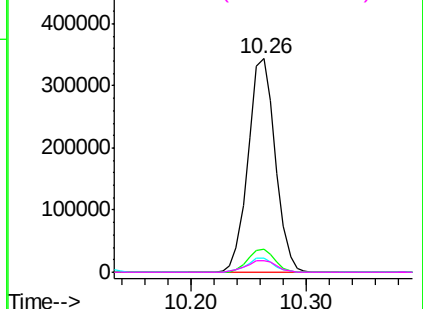
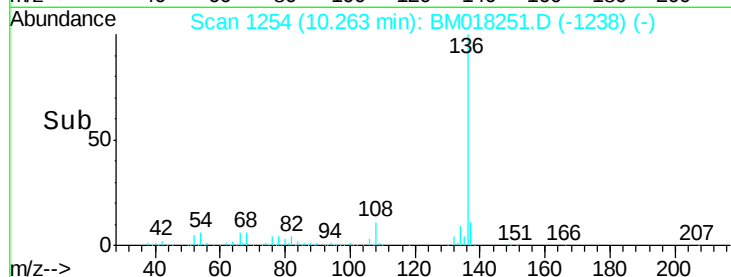
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

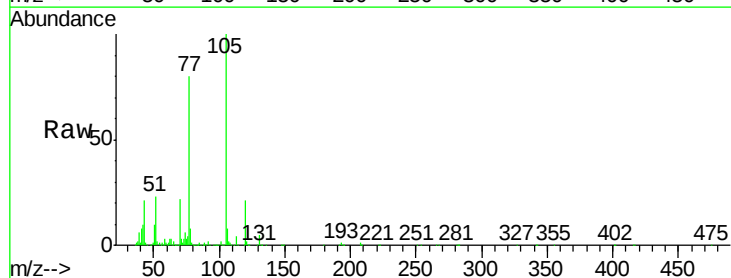
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 48.118 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	719452		
71	3.5	2.6	4.0	
51	22.6	18.3	27.5	
120	21.4	17.0	25.6	



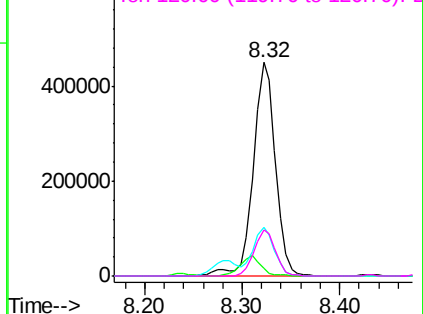
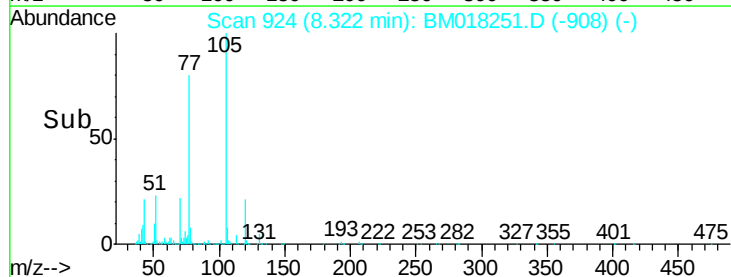
Abundance

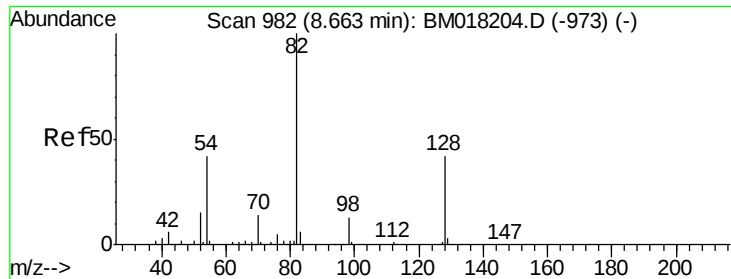
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





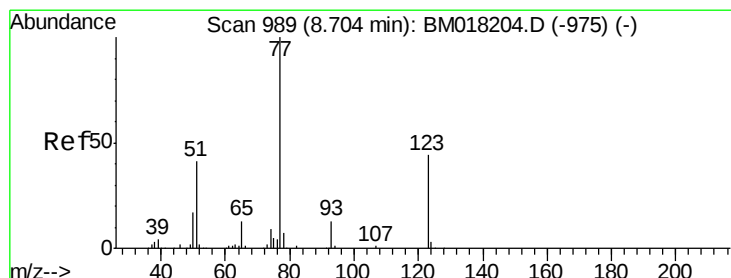
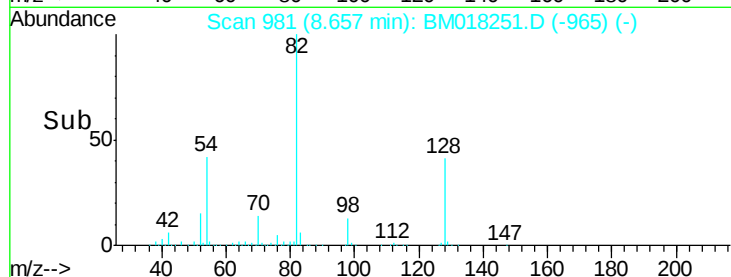
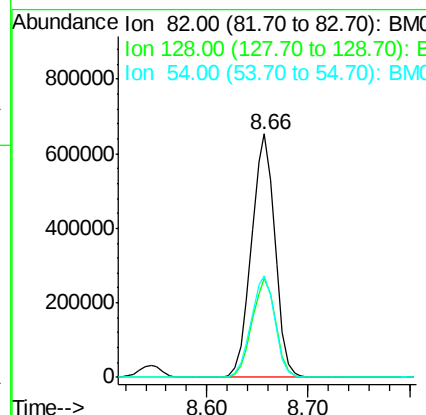
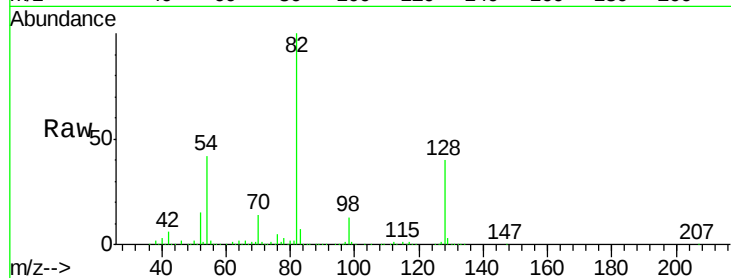
#23
 Nitrobenzene-d5
 Concen: 95.166 ng
 RT: 8.66 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion: 82 Resp: 1048267
 Ion Ratio Lower Upper
 82 100
 128 40.4 33.4 50.2
 54 41.9 33.4 50.2

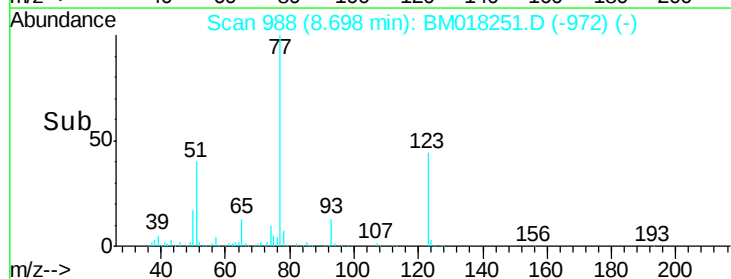
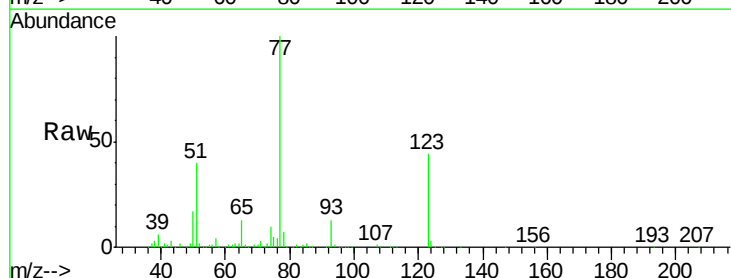
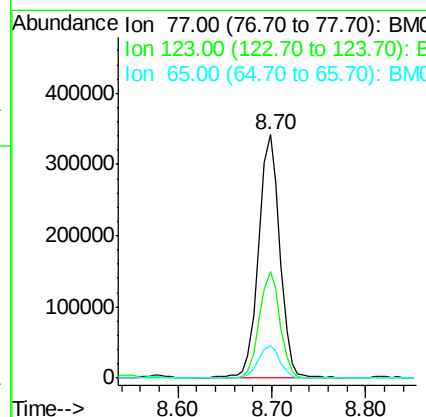
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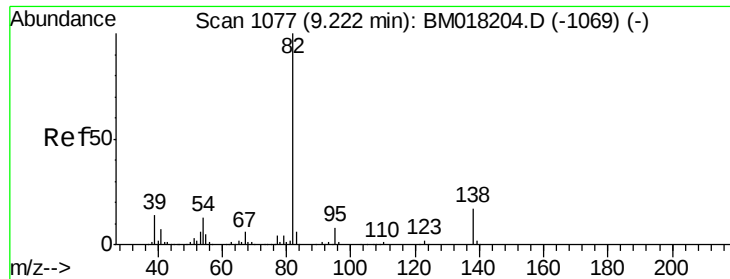
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#24
 Nitrobenzene
 Concen: 48.286 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion: 77 Resp: 531449
 Ion Ratio Lower Upper
 77 100
 123 44.0 35.4 53.2
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 49.065 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

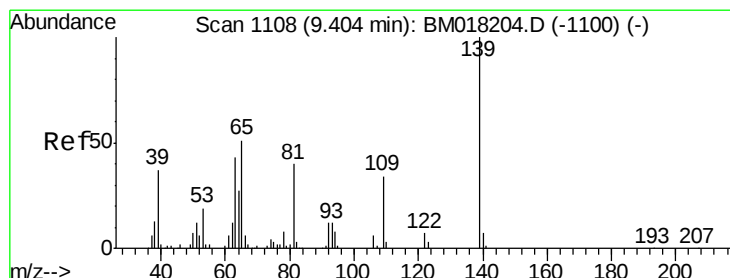
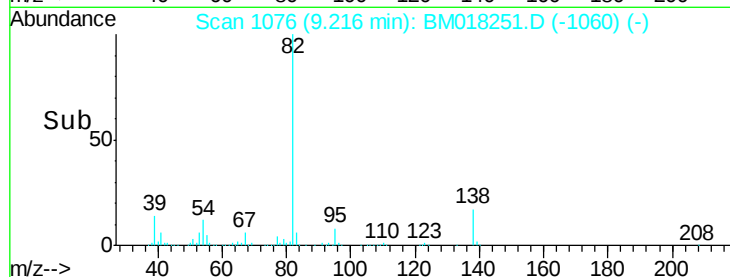
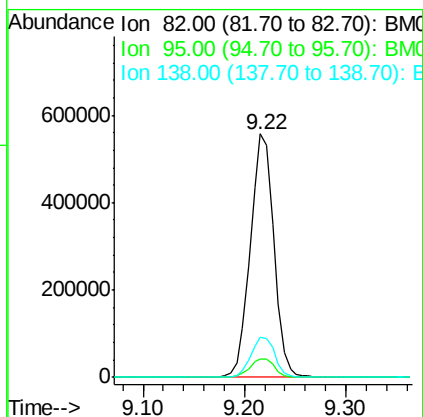
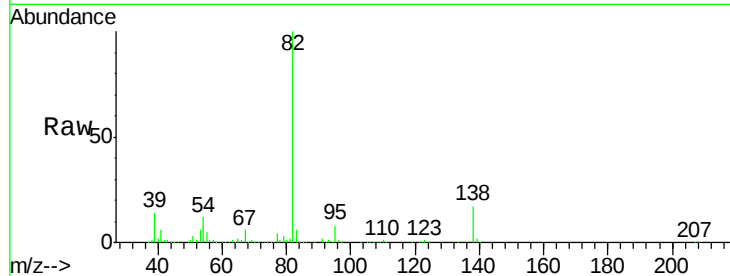
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	82	Resp:	899789
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.4	9.6
138	16.5	13.9	20.9

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#26

2-Nitrophenol

Concen: 45.789 ng

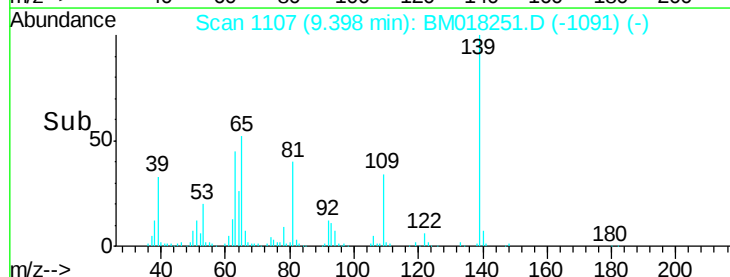
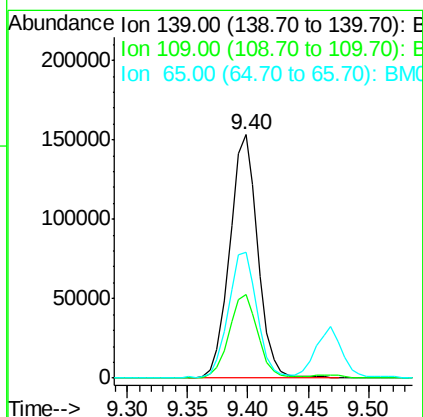
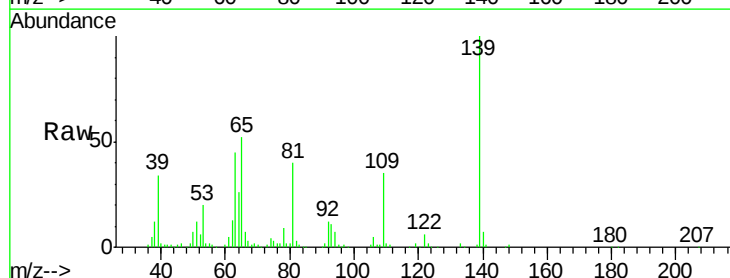
RT: 9.40 min Scan# 1107

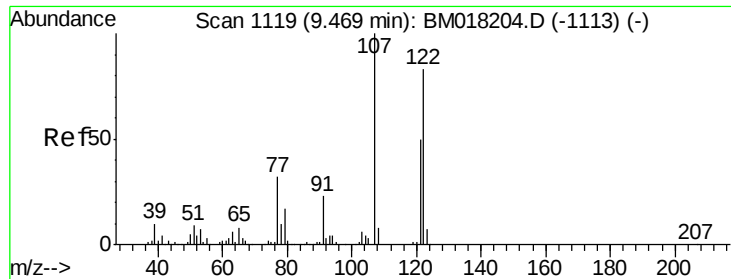
Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	139	Resp:	247182
Ion Ratio	Lower	Upper	
139	100		
109	34.6	27.4	41.0
65	51.9	41.0	61.4





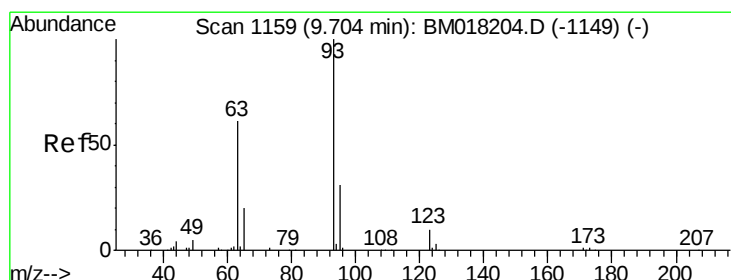
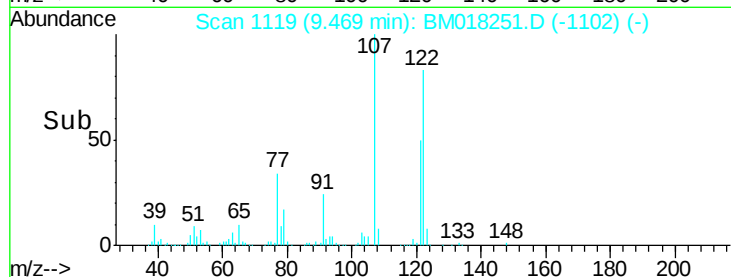
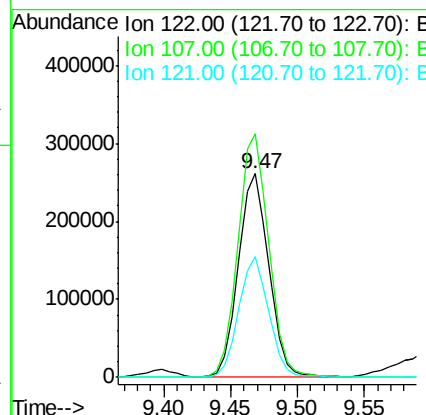
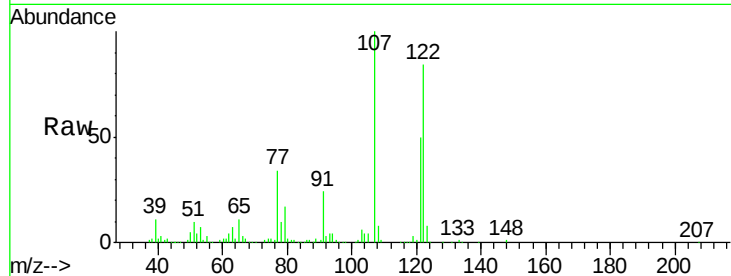
#27
2,4-Dimethylphenol
Concen: 53.101 ng
RT: 9.47 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	413129		
107	119.5	96.5	144.7	
121	59.3	48.2	72.4	

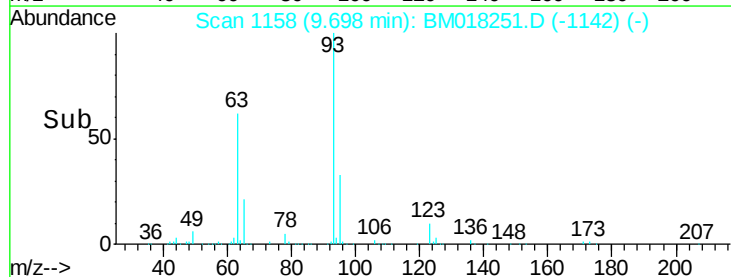
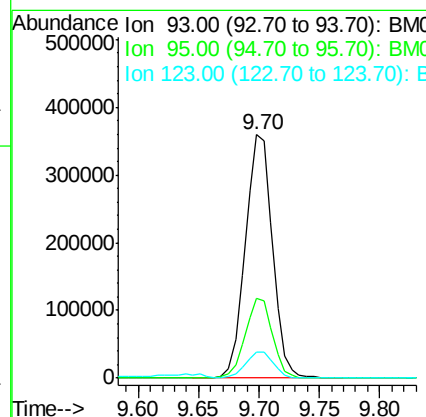
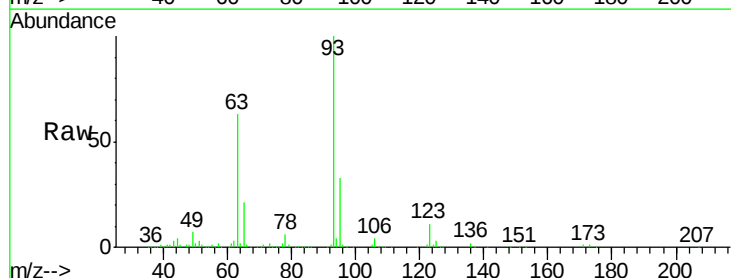
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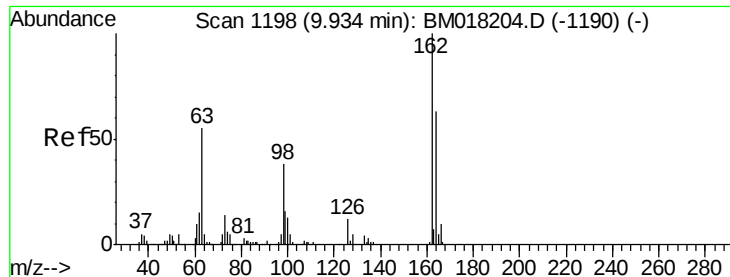
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#28
bis(2-Chloroethoxy)methane
Concen: 47.168 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	563851		
95	33.0	25.3	37.9	
123	10.6	9.3	13.9	





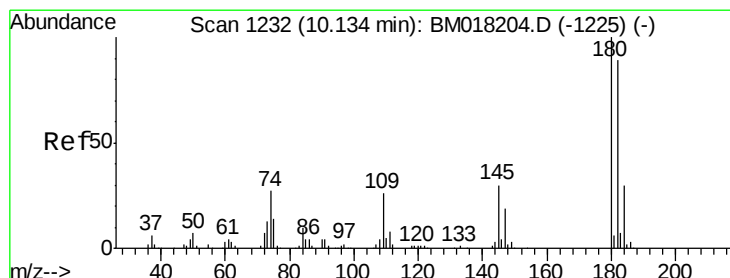
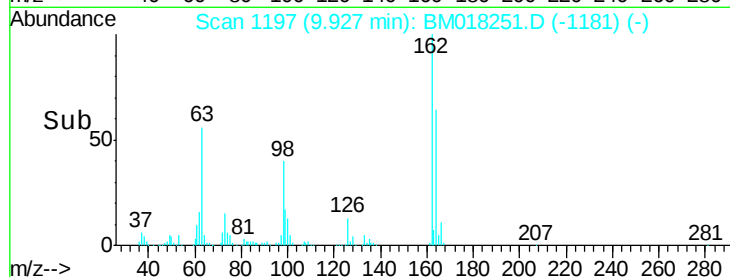
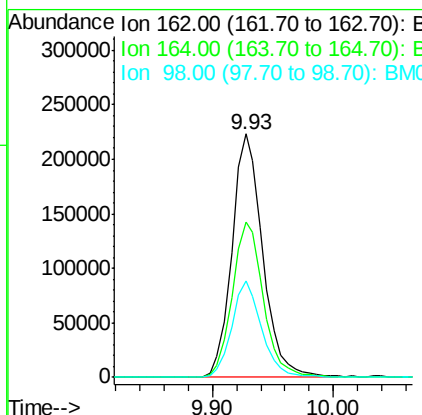
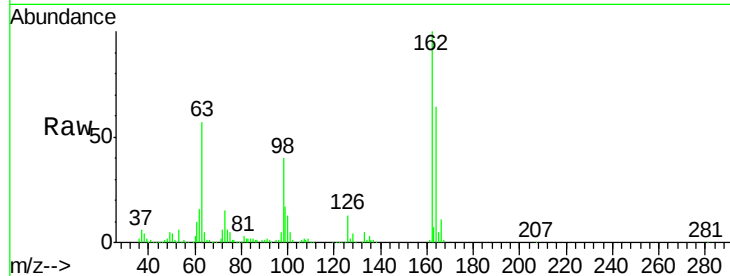
#29
2,4-Dichlorophenol
Concen: 45.874 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	395709		
164	63.9	43.0	83.0	
98	39.8	18.3	58.3	

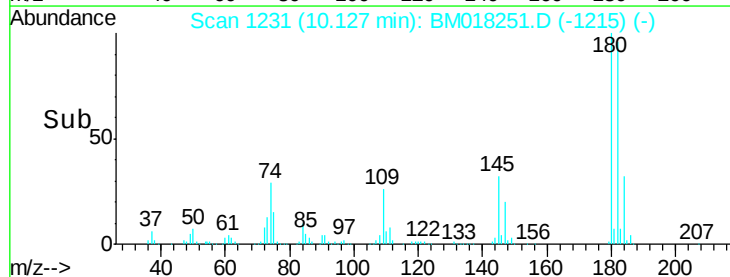
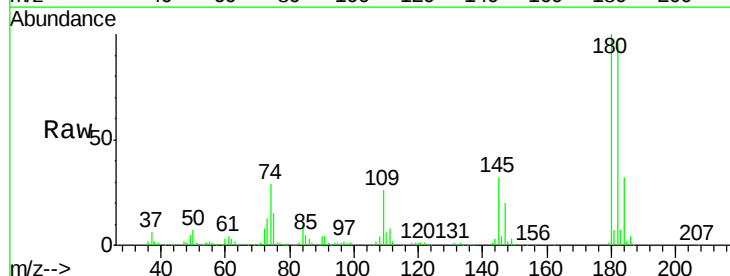
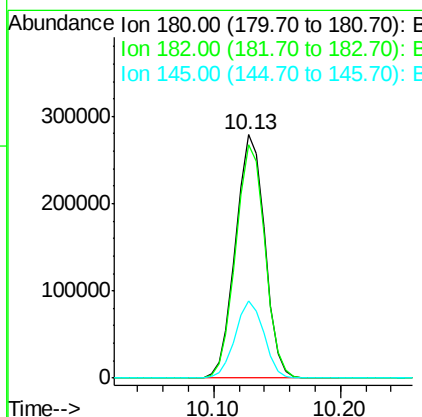
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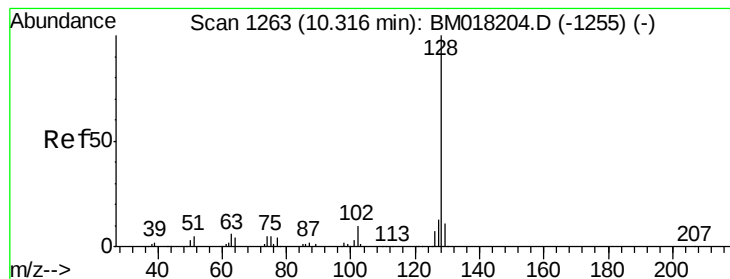
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#30
1,2,4-Trichlorobenzene
Concen: 45.263 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	444117		
182	95.7	71.4	107.2	
145	31.9	24.4	36.6	





#31

Naphthalene

Concen: 58.849 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

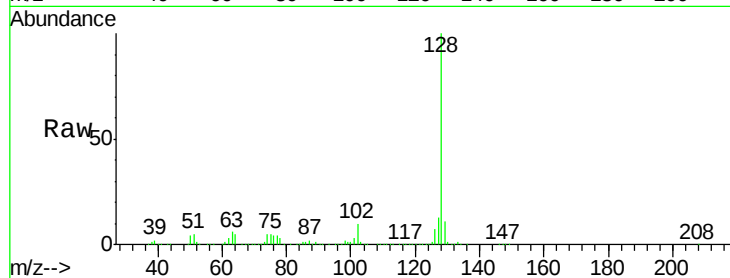
ClientSampleId :

P001-SD012-0612-01MSD

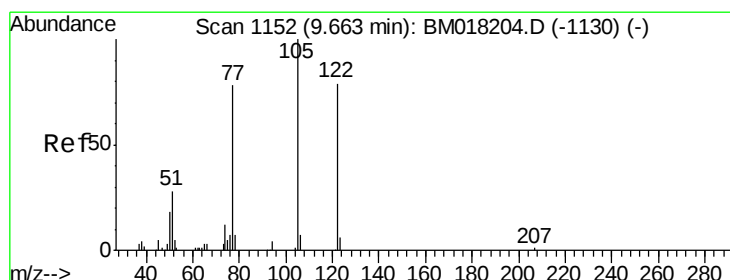
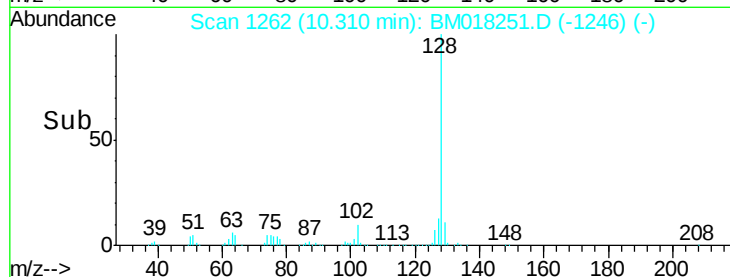
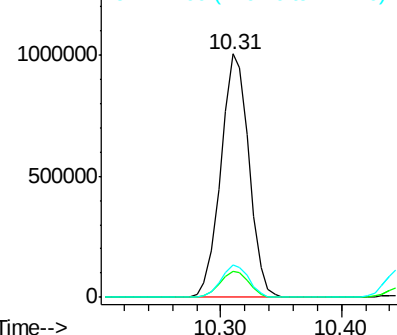
Tgt Ion:	128	Resp:	1625840
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.1	10.4	15.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.145 ng m

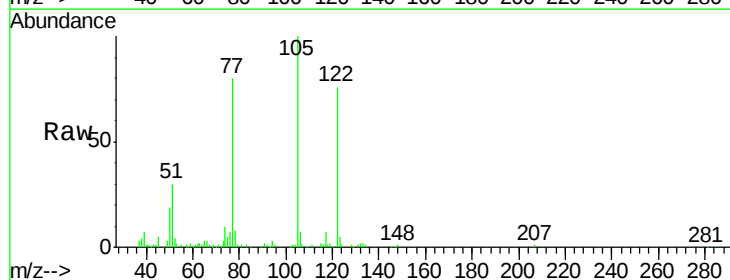
RT: 9.65 min Scan# 1149

Delta R.T. -0.02 min

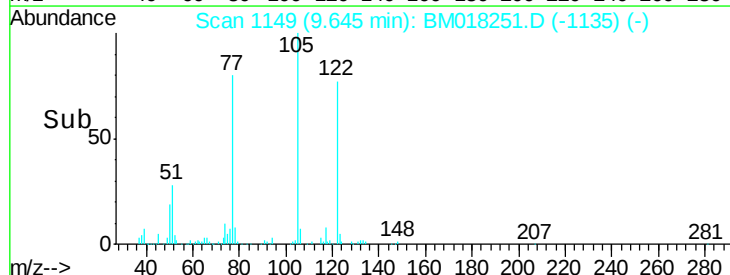
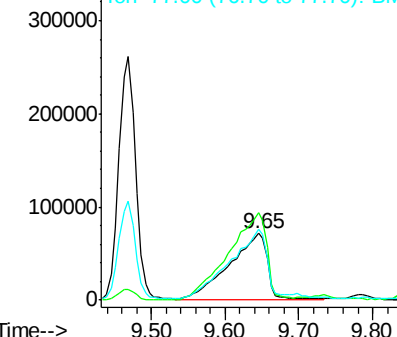
Lab File: BM018251.D

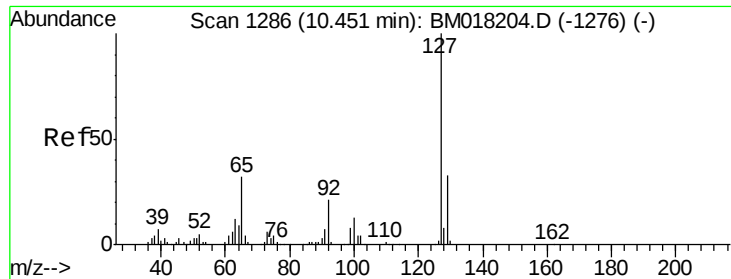
Acq: 17 Dec 2018 16:26

Tgt Ion:	122	Resp:	251548
Ion	Ratio	Lower	Upper
122	100		
105	132.2	104.8	144.8
77	106.2	77.7	117.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





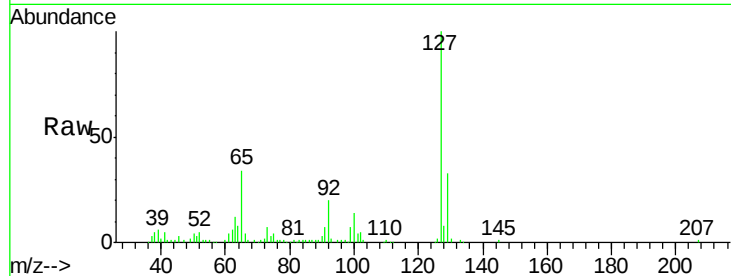
#33
4-Chloroaniline
Concen: 19.511 ng
RT: 10.45 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

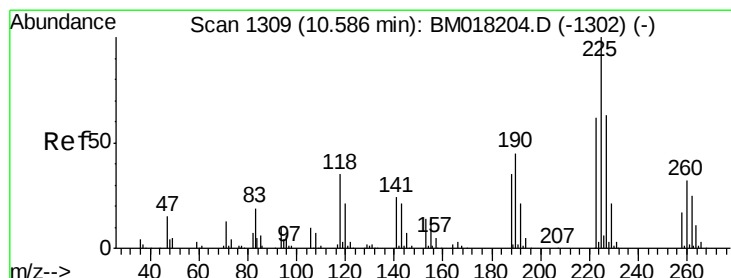
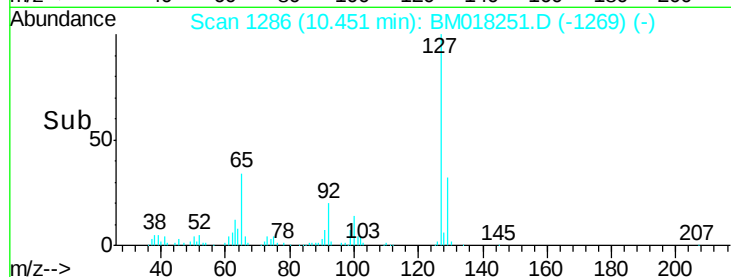
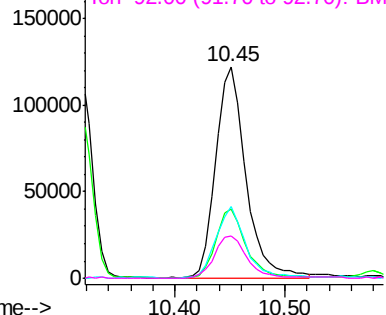
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	236123		
129	32.8	26.4	39.6	
65	33.8	25.6	38.4	
92	19.9	17.0	25.6	

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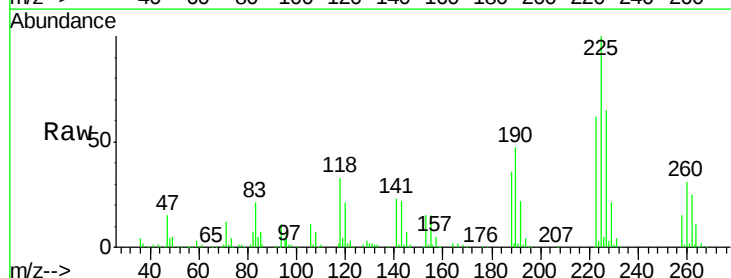


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

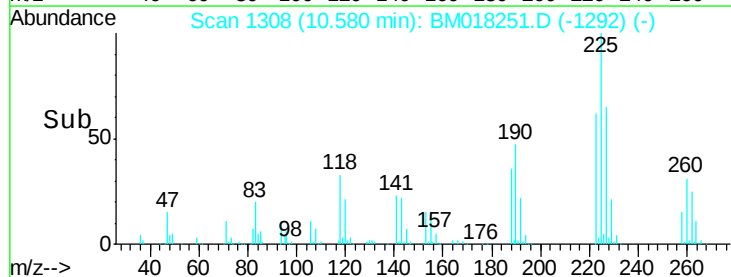
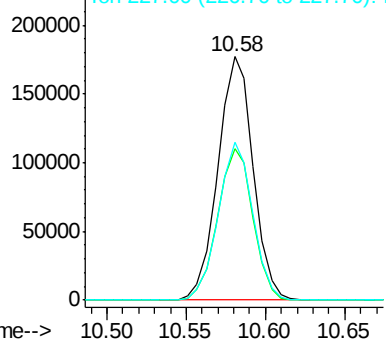


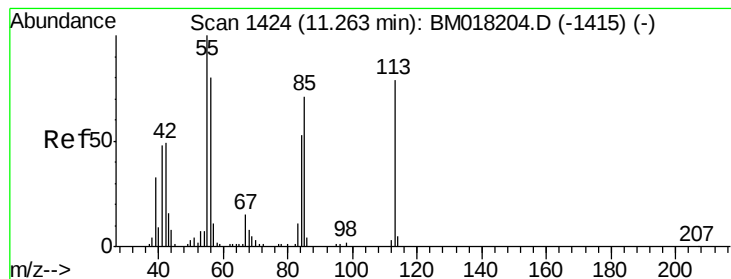
#34
Hexachlorobutadiene
Concen: 44.009 ng
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	273098		
223	62.3	49.8	74.6	
227	64.7	50.2	75.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.478 ng m

RT: 11.26 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:113 Resp: 113328

Ion Ratio Lower Upper

113 100

55 115.2 105.9 145.9

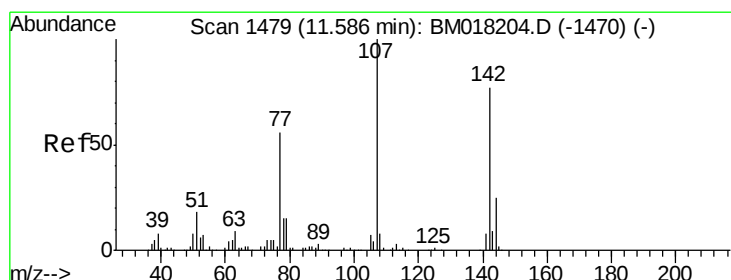
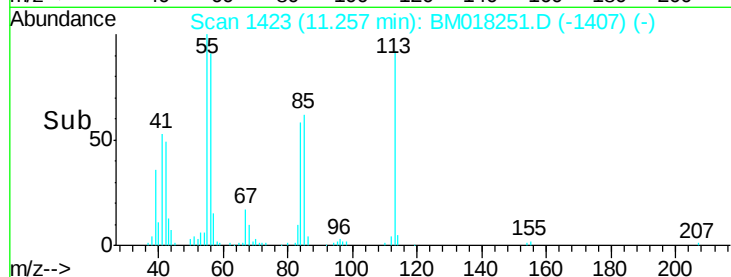
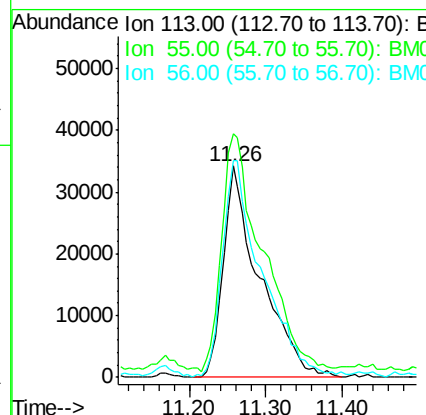
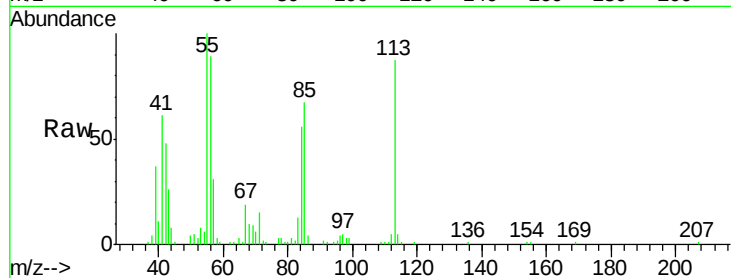
56 102.4 80.1 120.1

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#36

4-Chloro-3-methylphenol

Concen: 39.405 ng

RT: 11.59 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

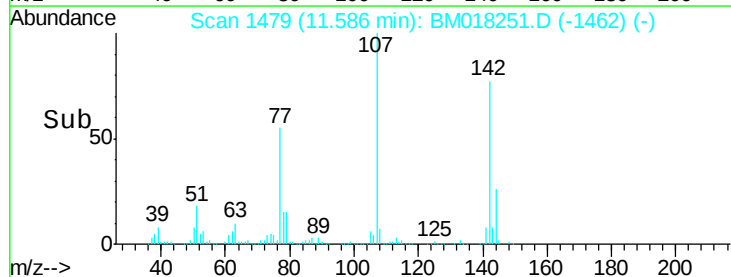
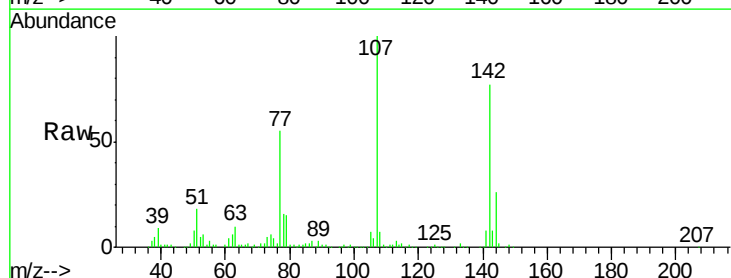
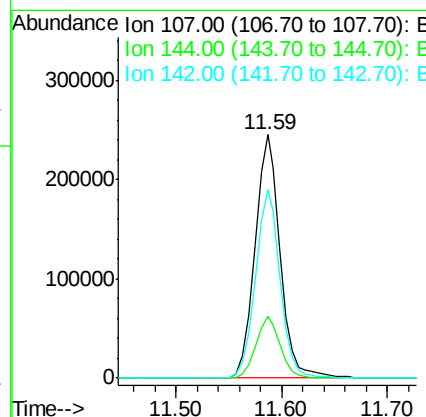
Tgt Ion:107 Resp: 408429

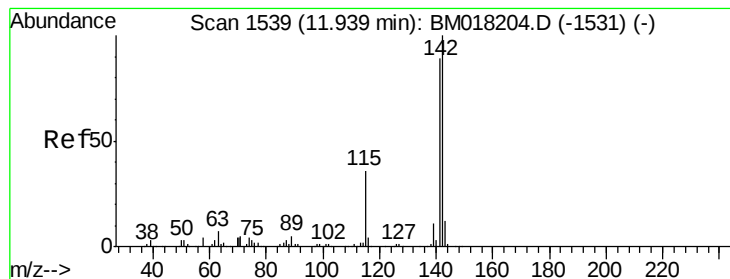
Ion Ratio Lower Upper

107 100

144 25.5 20.1 30.1

142 77.4 61.7 92.5





#37

2-Methylnaphthalene

Concen: 50.687 ng

RT: 11.93 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

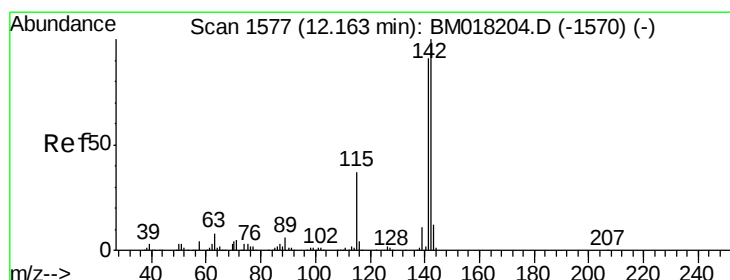
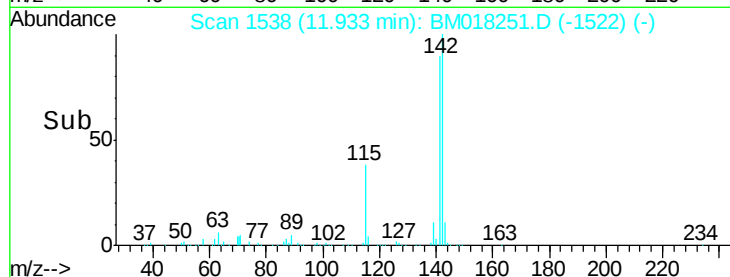
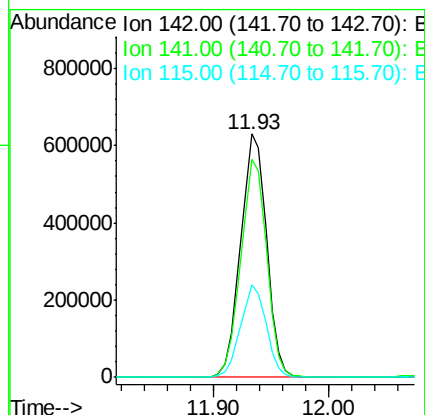
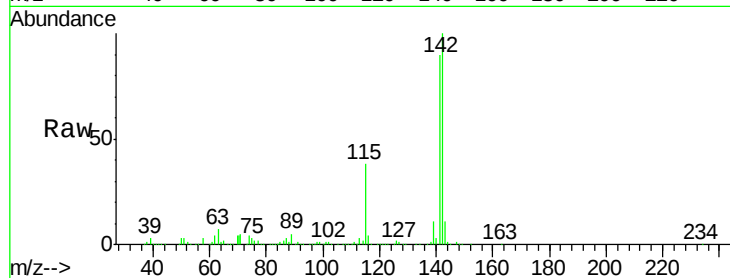
ClientSampleId :

P001-SD012-0612-01MSD

Tgt	Ion:142	Resp:	987551
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	37.8	29.0	43.6

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#38

1-Methylnaphthalene

Concen: 47.116 ng

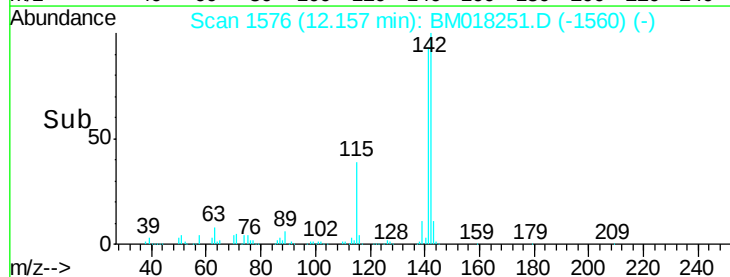
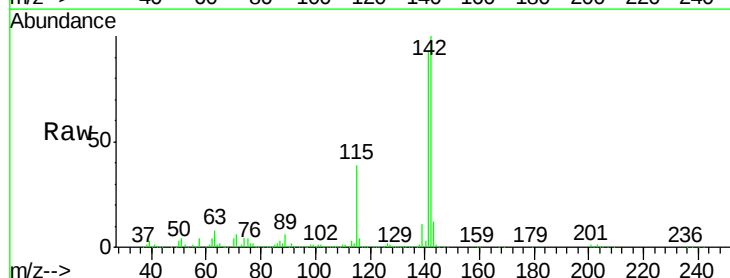
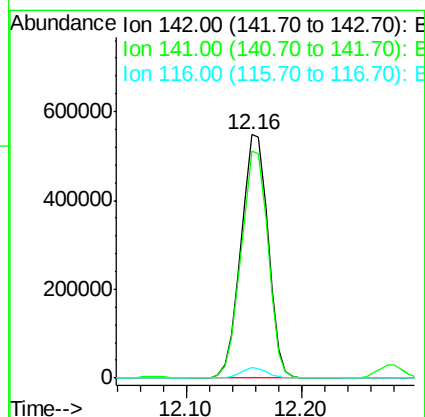
RT: 12.16 min Scan# 1576

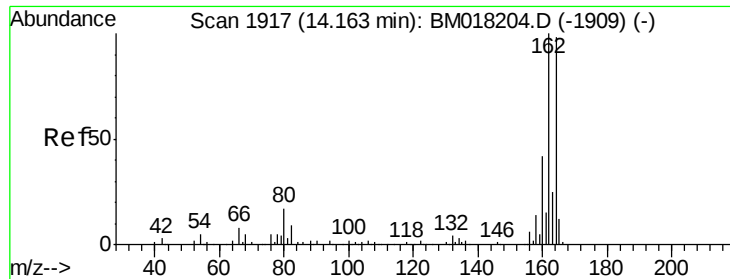
Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt	Ion:142	Resp:	895745
Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.0	109.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

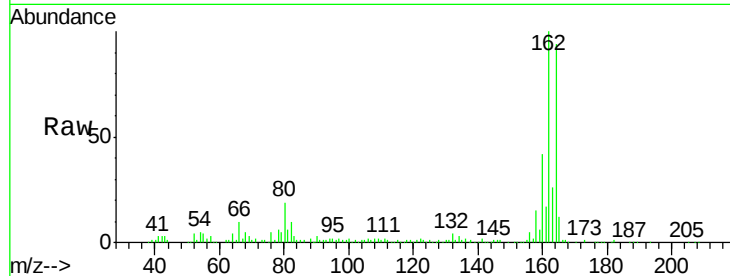
ClientSampleId :

P001-SD012-0612-01MSD

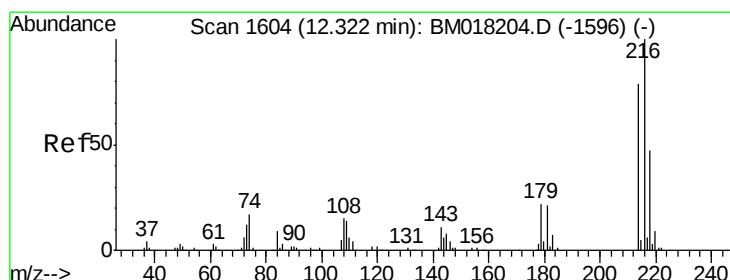
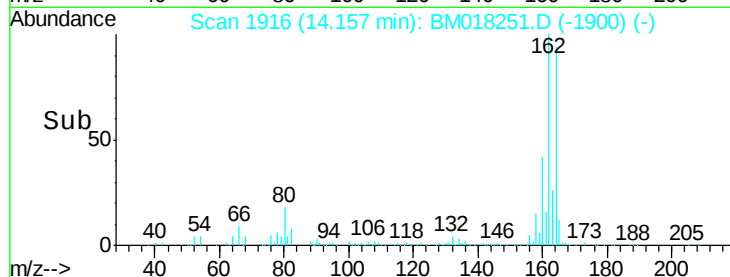
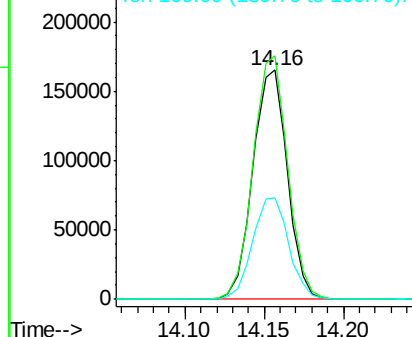
Tgt Ion:	164	Resp:	251054
Ion Ratio	Lower	Upper	
164	100		
162	106.2	81.8	122.6
160	44.5	34.6	51.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.951 ng

RT: 12.32 min Scan# 1603

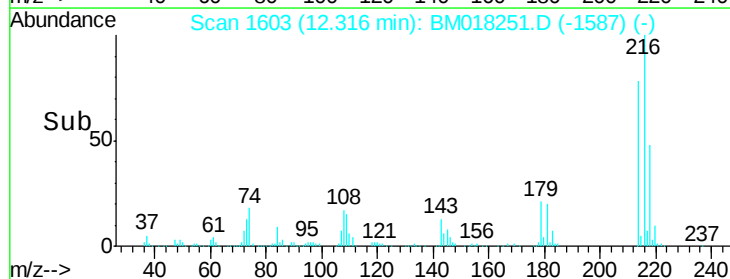
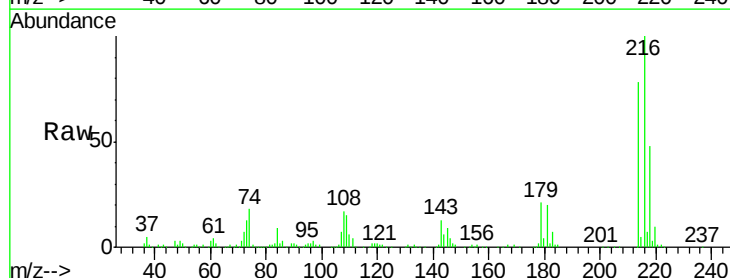
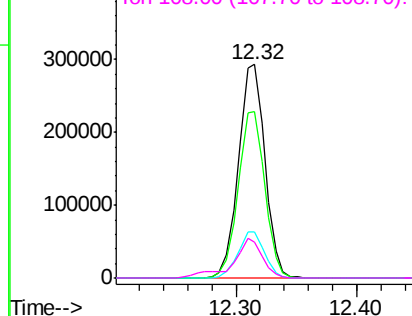
Delta R.T. -0.01 min

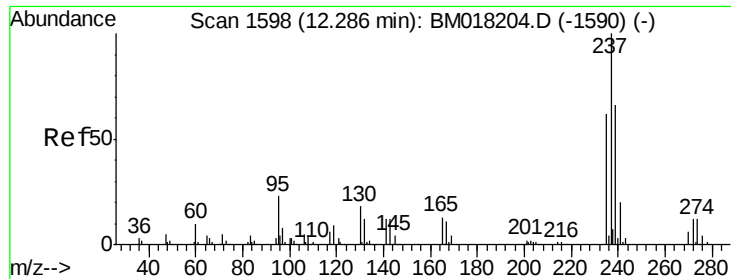
Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	216	Resp:	448502
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.4	95.0
179	21.6	17.2	25.8
108	20.6	14.6	21.8

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





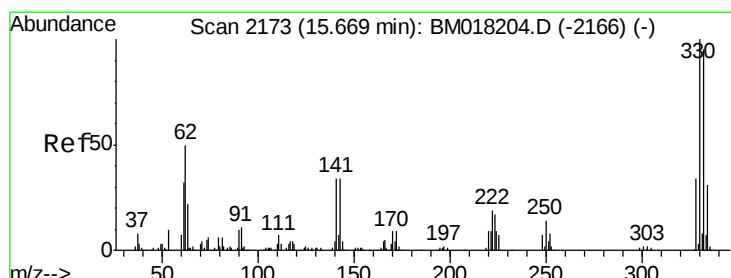
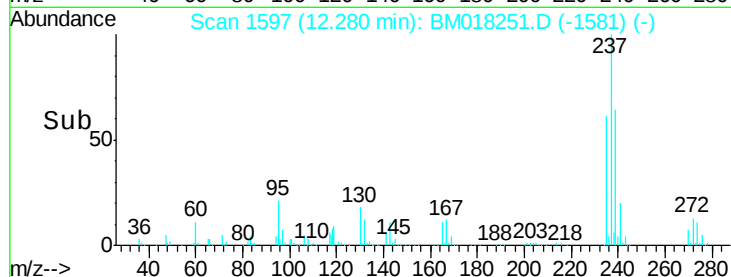
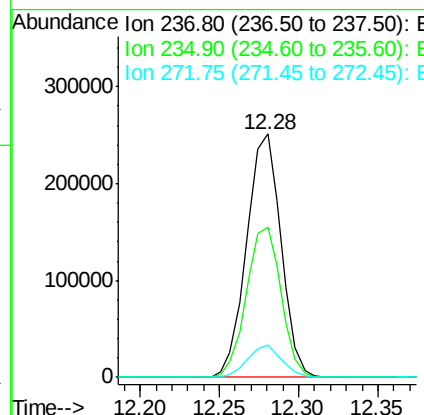
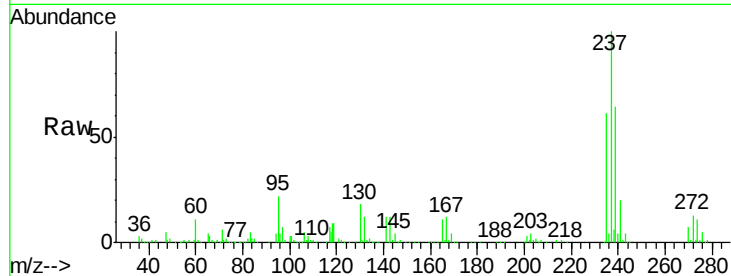
#41
Hexachlorocyclopentadiene
Concen: 98.120 ng
RT: 12.28 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.4	42.1	82.1
272	13.2	0.0	32.1

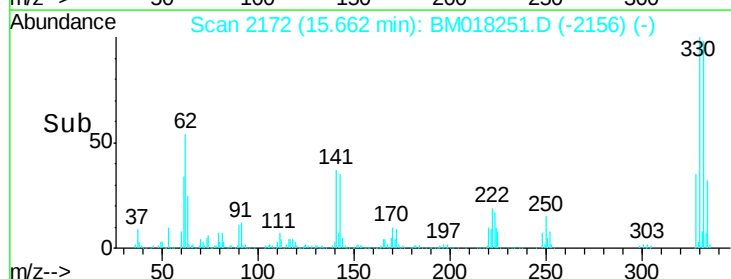
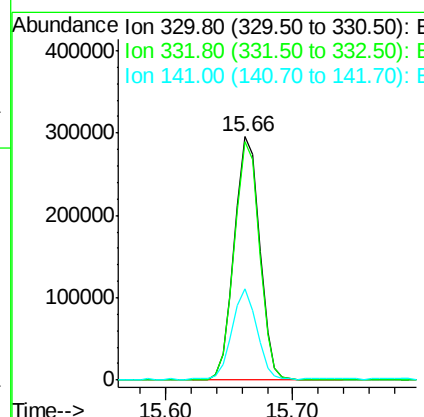
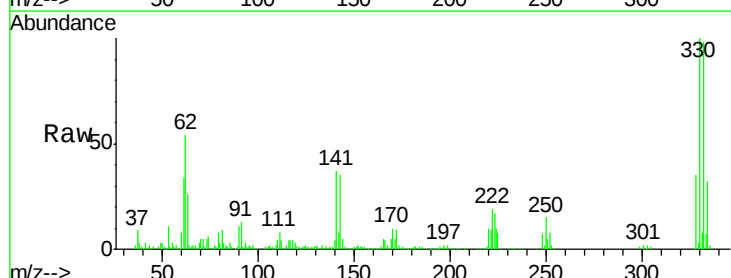
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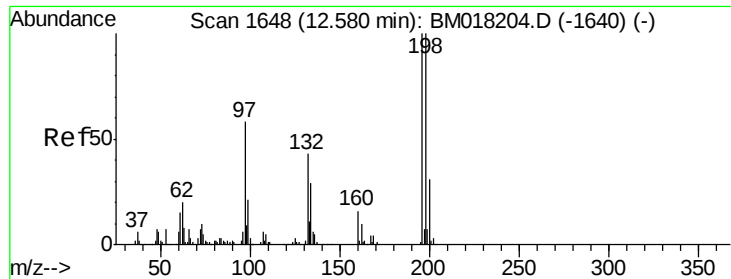
Sohil
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#42
2,4,6-Tribromophenol
Concen: 111.117 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	78.6	118.0
141	36.0	27.1	40.7





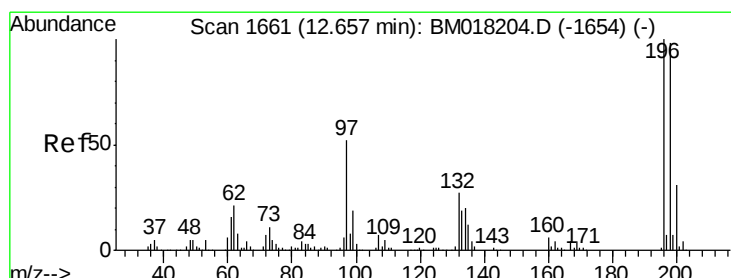
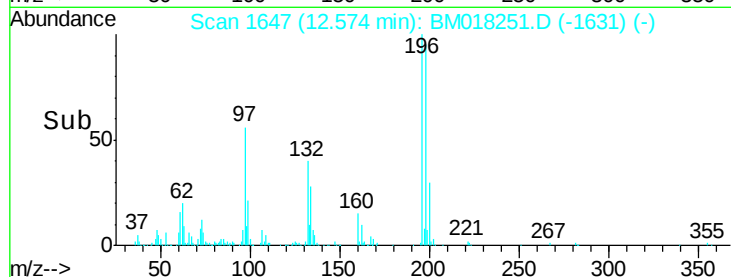
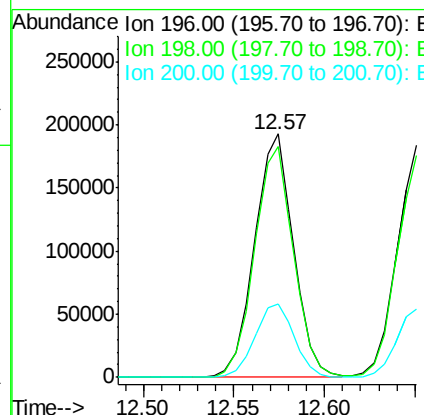
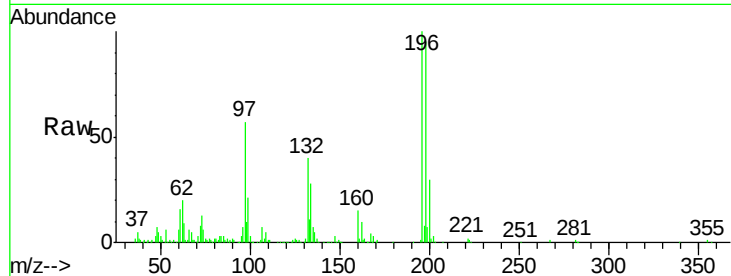
#43
 2,4,6-Trichlorophenol
 Concen: 51.515 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286044		
198	94.8	80.1	120.1	
200	30.1	24.9	37.3	

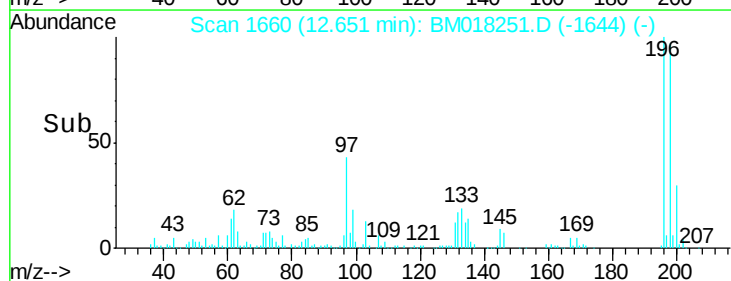
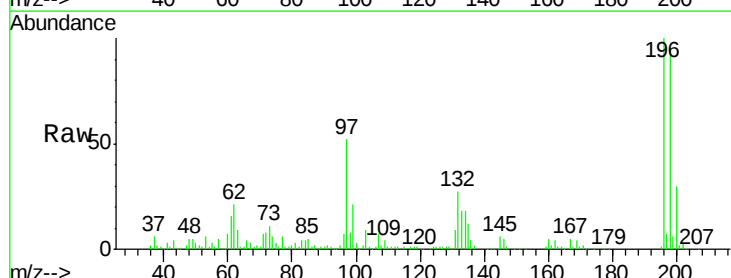
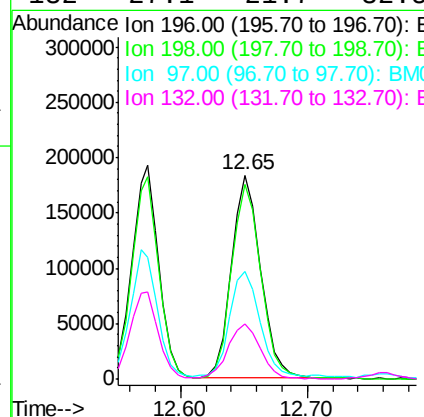
Manual Integrations
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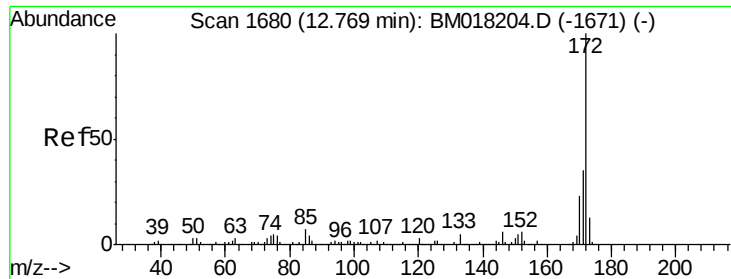
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#44
 2,4,5-Trichlorophenol
 Concen: 49.379 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291082		
198	95.1	78.5	117.7	
97	52.5	41.9	62.9	
132	27.1	21.7	32.5	





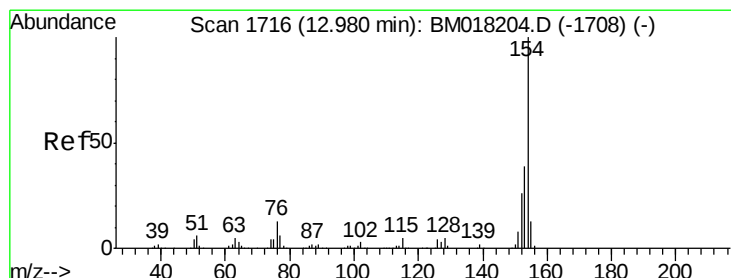
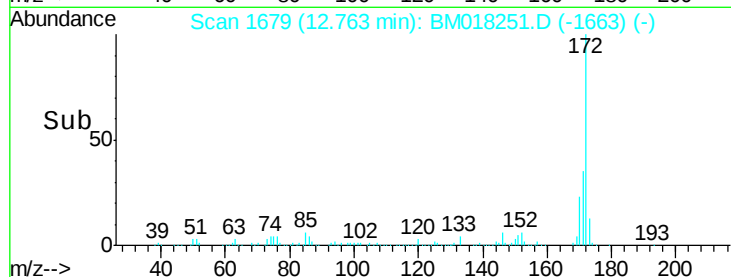
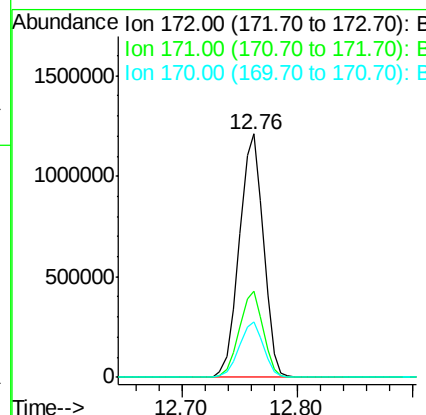
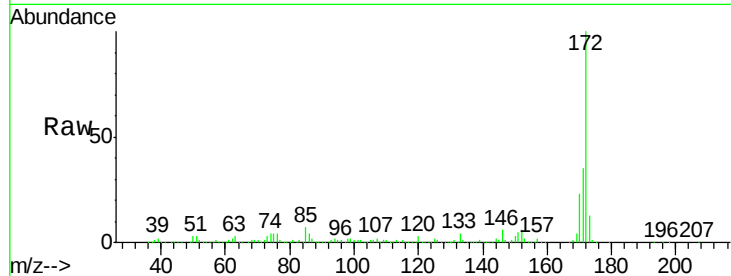
#45
2-Fluorobiphenyl
Concen: 89.963 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion:172 Resp: 1743735
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.9 18.1 27.1

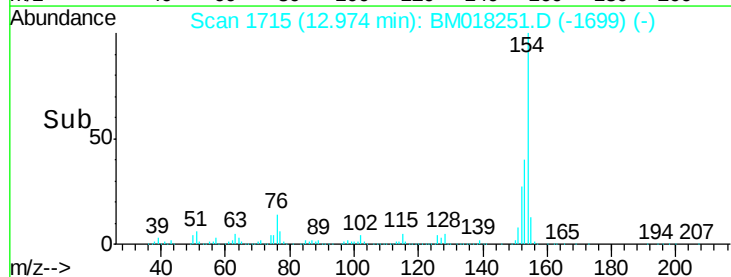
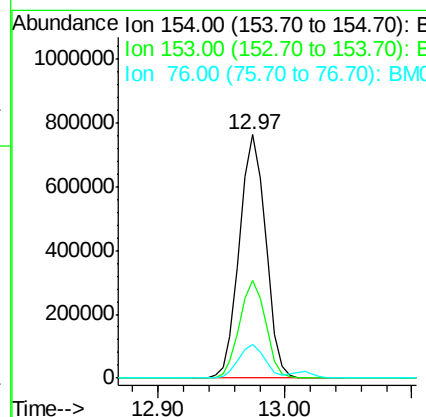
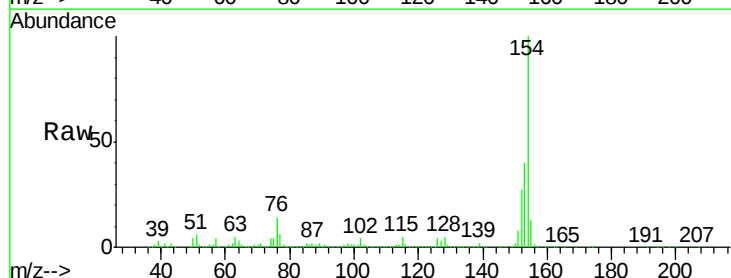
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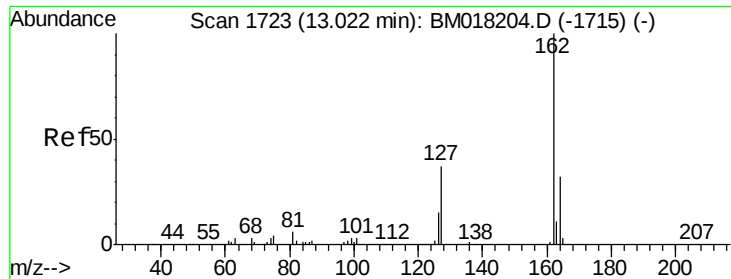
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#46
1,1'-Biphenyl
Concen: 48.602 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:154 Resp: 1097704
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 13.8 0.0 33.1





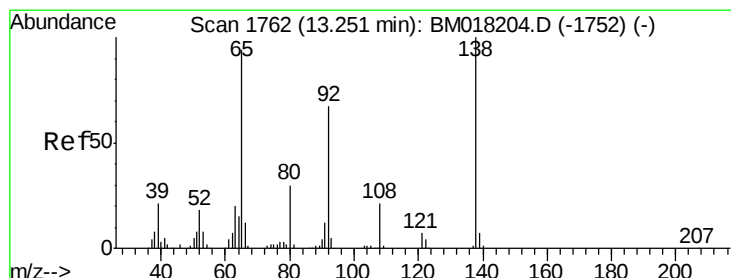
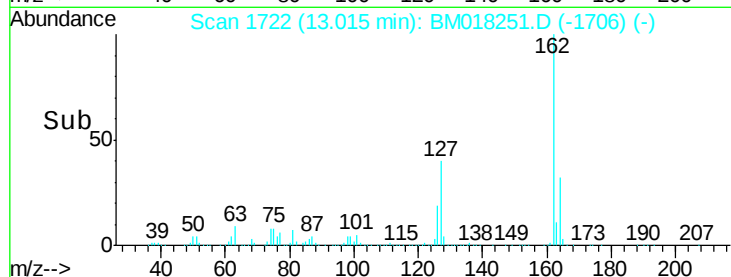
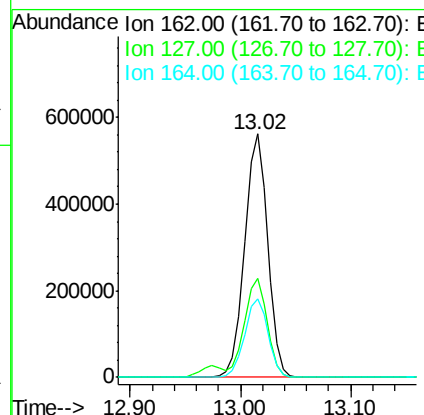
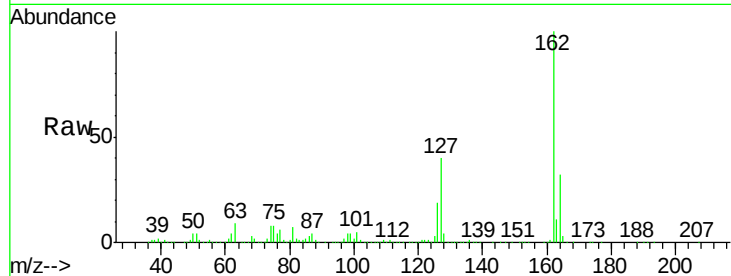
#47
2-Chloronaphthalene
Concen: 49.790 ng
RT: 13.02 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	827691		
127	40.5	31.8	47.8	
164	32.3	25.9	38.9	

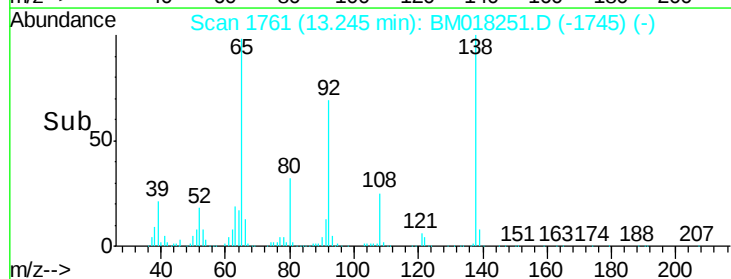
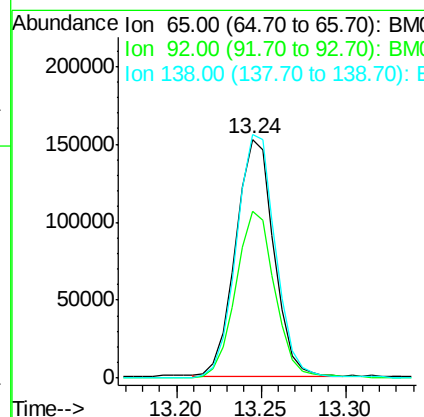
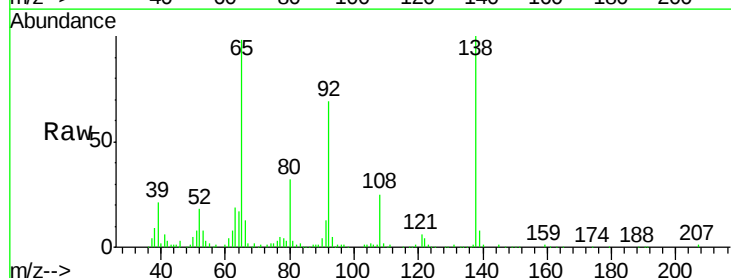
Manual Integrations
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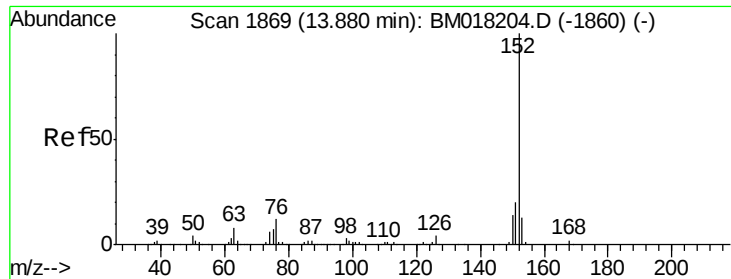
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#48
2-Nitroaniline
Concen: 46.481 ng
RT: 13.24 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	238022		
92	70.1	56.8	85.2	
138	102.1	85.1	127.7	





#49

Acenaphthylene

Concen: 50.004 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

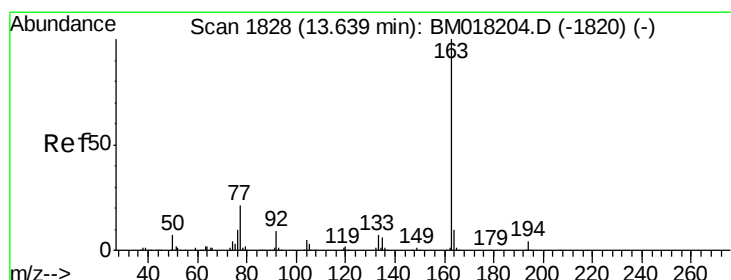
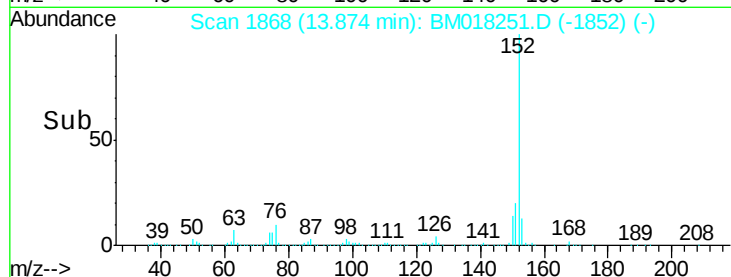
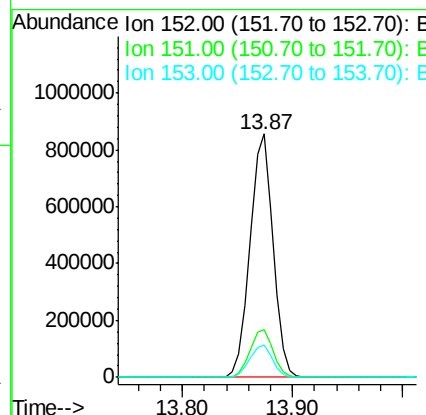
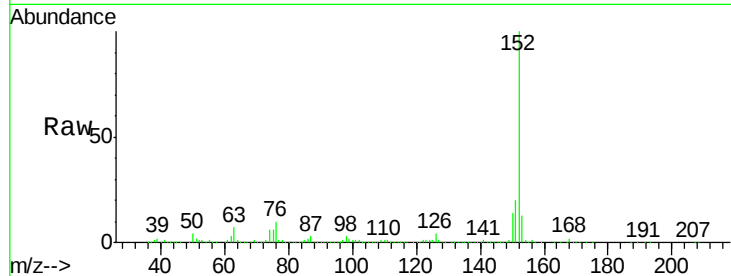
P001-SD012-0612-01MSD

Tgt Ion:152 Resp: 1252671

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.1	10.2	15.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 51.590 ng

RT: 13.63 min Scan# 1827

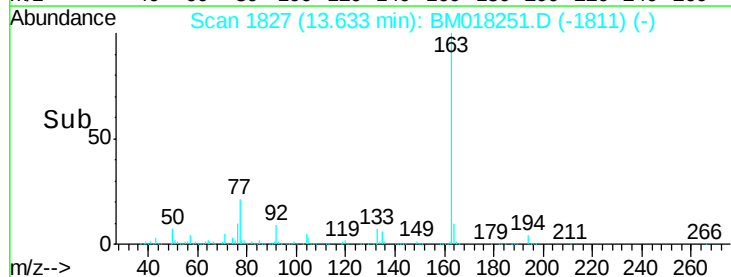
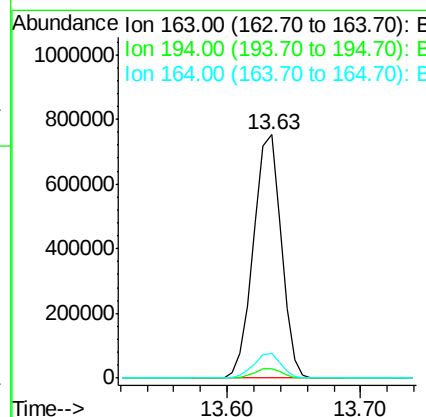
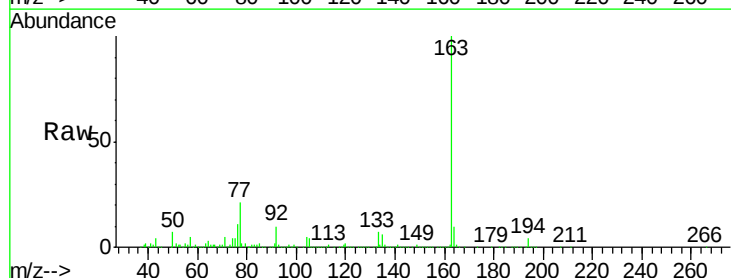
Delta R.T. -0.01 min

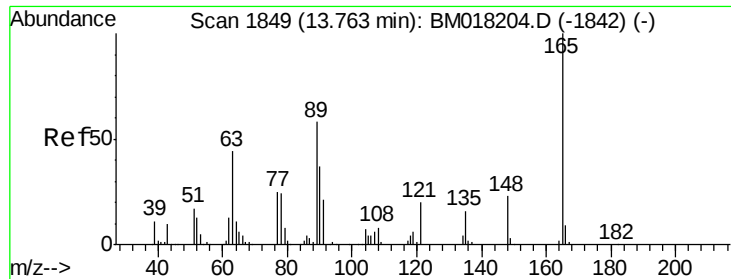
Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:163 Resp: 1076783

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.3	7.9	11.9





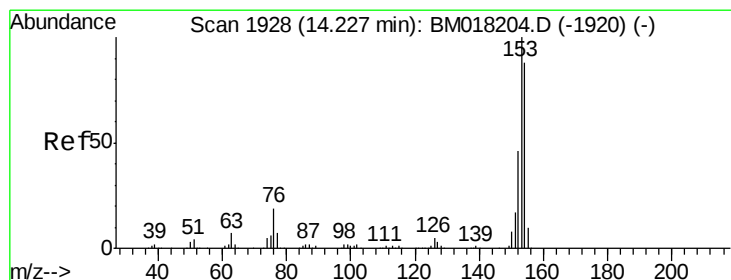
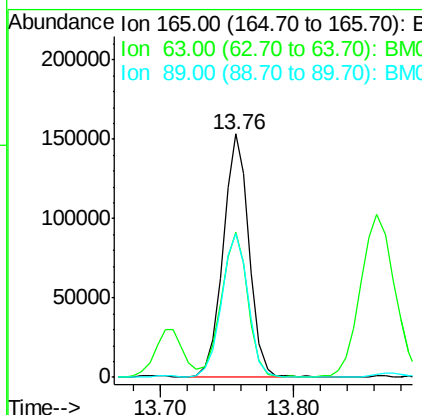
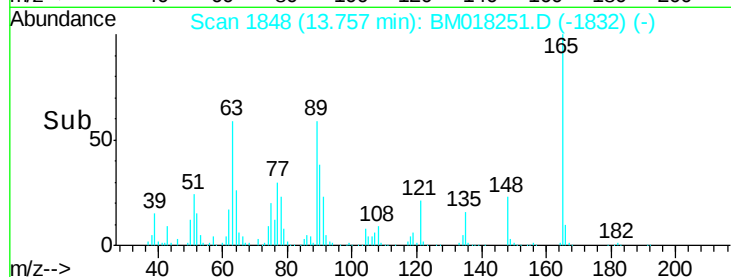
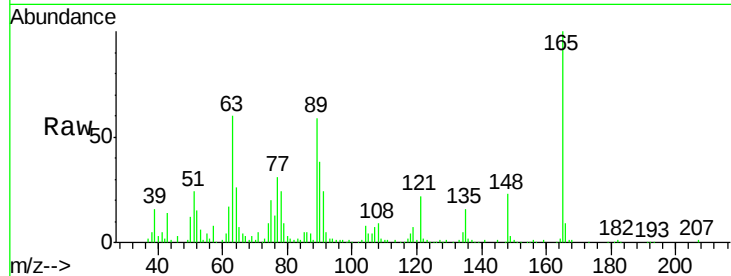
#51
2,6-Dinitrotoluene
Concen: 45.140 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207114		
63	59.5	46.6	69.8	
89	58.8	46.3	69.5	

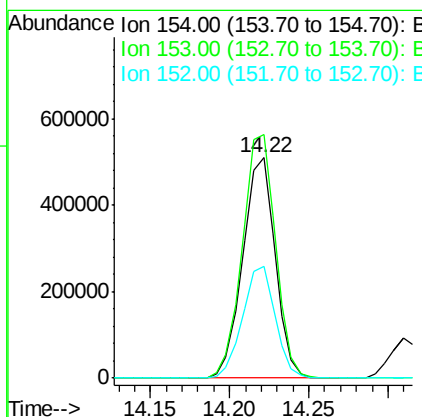
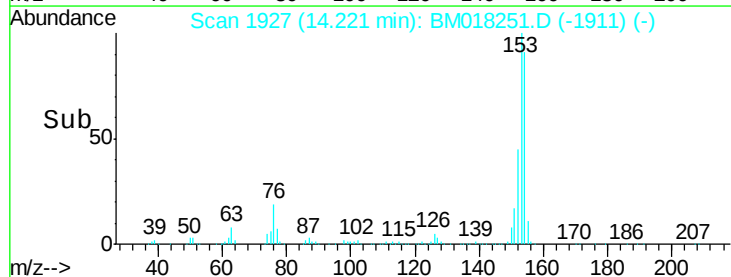
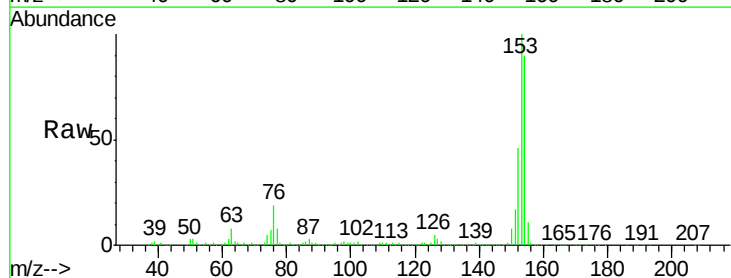
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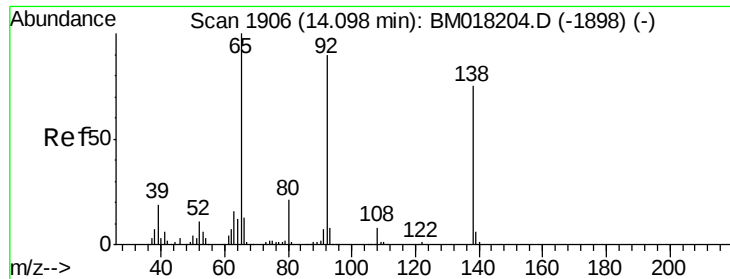
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#52
Acenaphthene
Concen: 47.223 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	722966		
153	110.5	90.4	135.6	
152	50.5	41.2	61.8	





#53

3-Nitroaniline

Concen: 28.860 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

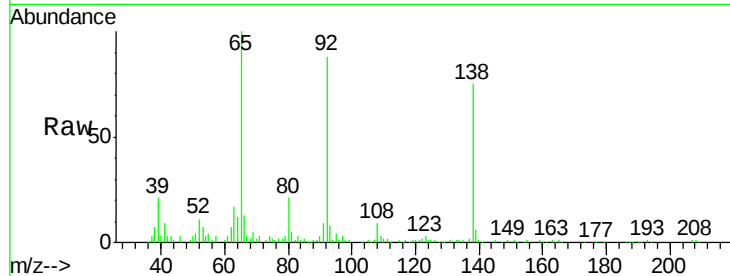
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	138	Resp:	139351
Ion Ratio	Lower	Upper	
138	100		
108	11.5	8.4	12.6
92	116.4	94.9	142.3

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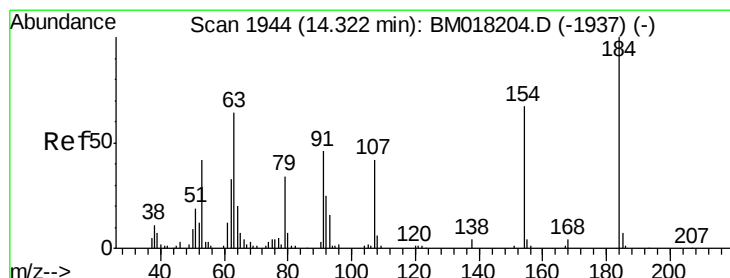
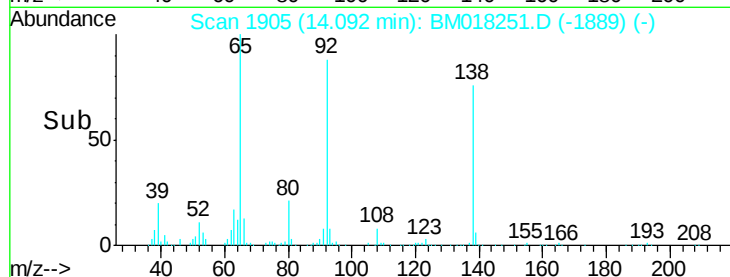
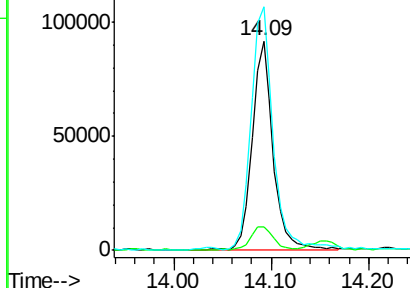
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 80.620 ng

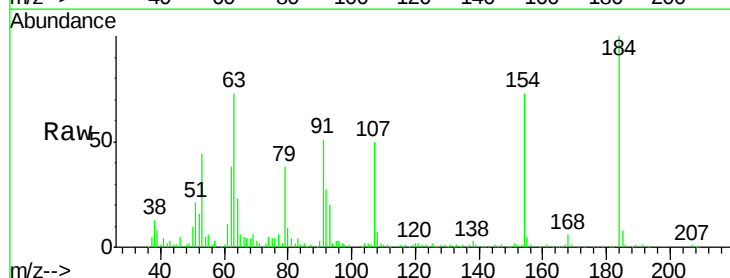
RT: 14.31 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

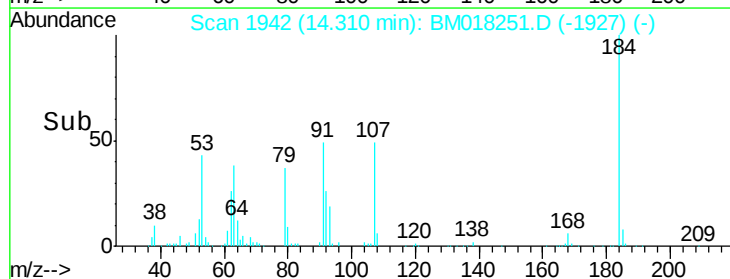
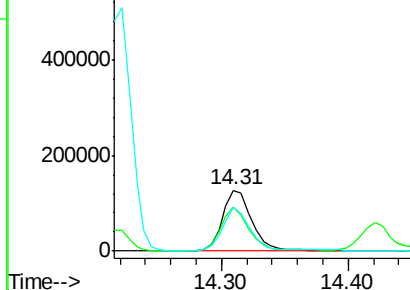
Tgt Ion:	184	Resp:	204052
Ion Ratio	Lower	Upper	
184	100		
63	73.0	51.6	77.4
154	73.4	54.0	81.0

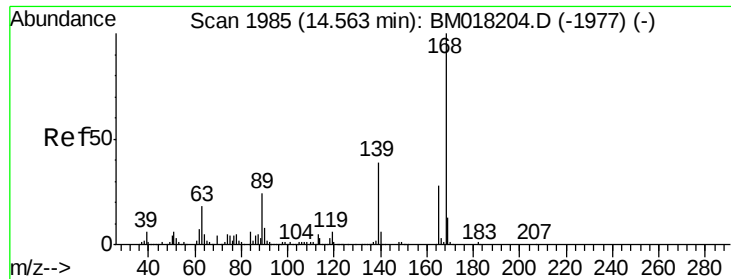


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.660 ng

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

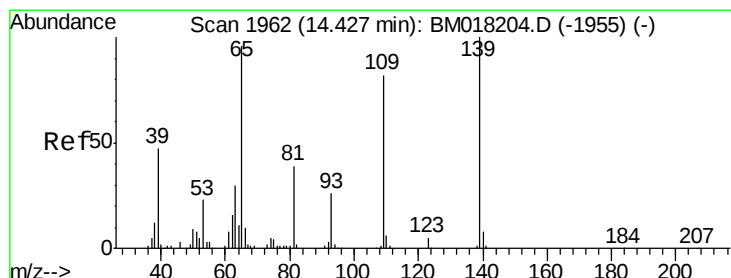
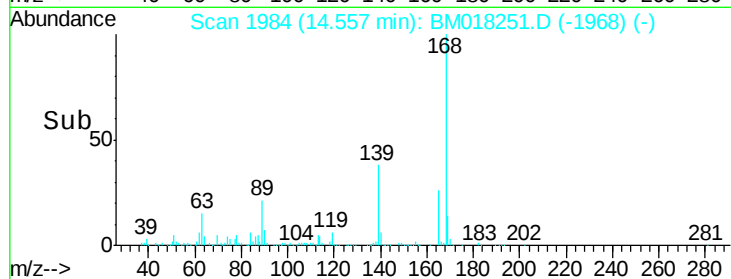
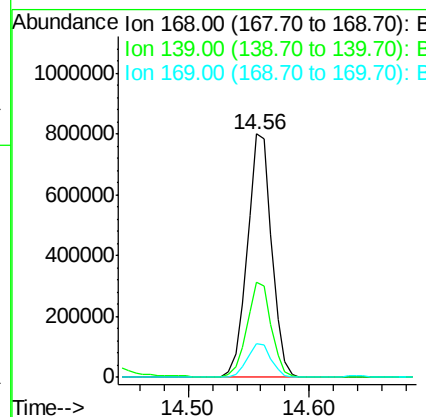
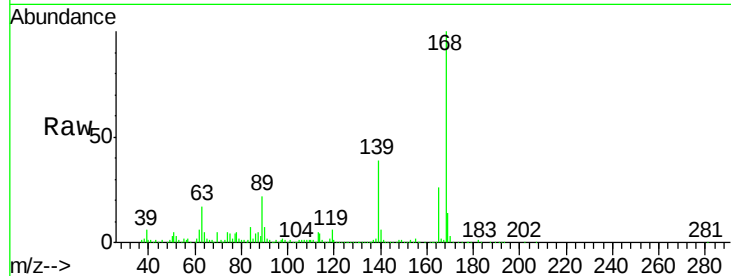
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	168	Resp:	1123236
Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.2	46.8
169	13.9	10.4	15.6

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#56

4-Nitrophenol

Concen: 82.622 ng

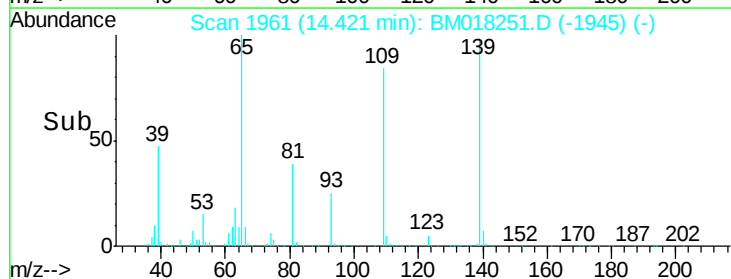
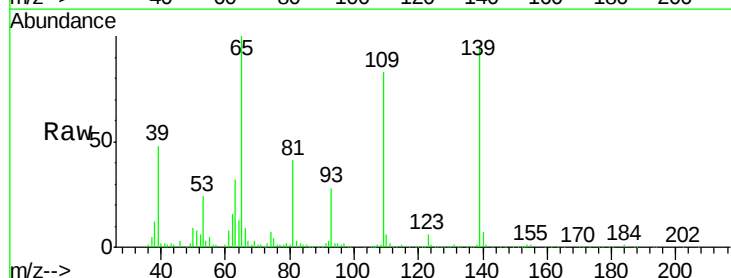
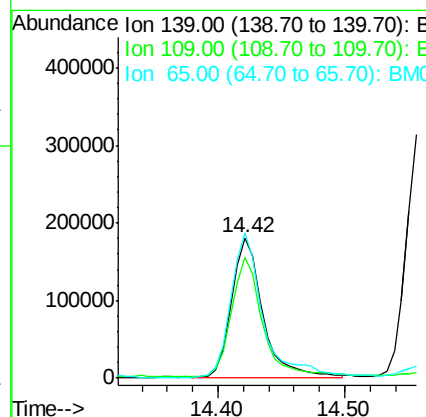
RT: 14.42 min Scan# 1961

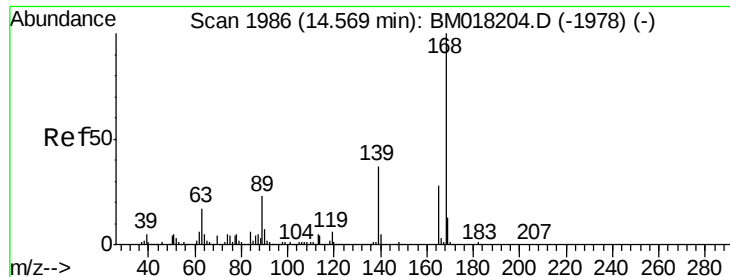
Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	139	Resp:	302470
Ion	Ratio	Lower	Upper
139	100		
109	86.6	62.3	102.3
65	103.7	76.4	116.4





#57

2,4-Dinitrotoluene

Concen: 44.203 ng

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

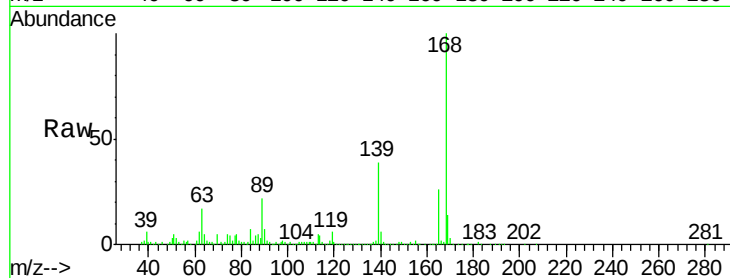
ClientSampleId :

P001-SD012-0612-01MSD

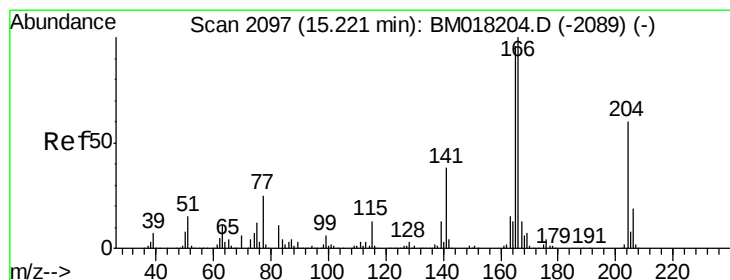
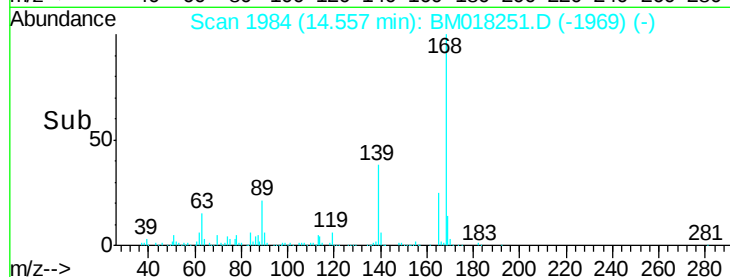
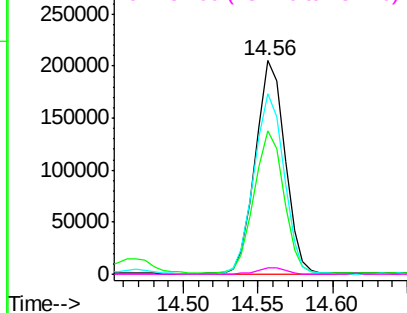
Tgt	Ion	Resp	Lower	Upper
165	100			
63	66.9	47.2	70.8	
89	84.2	65.8	98.8	
182	3.0	2.2	3.4	

Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.645 ng

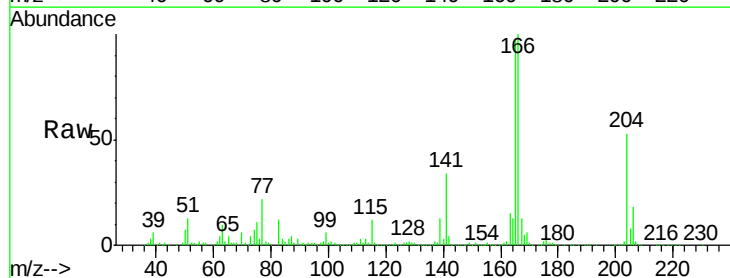
RT: 15.22 min Scan# 2096

Delta R.T. -0.01 min

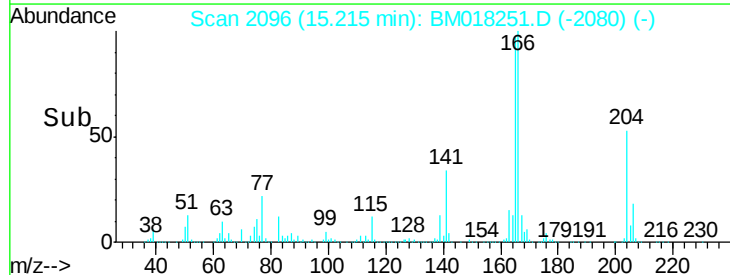
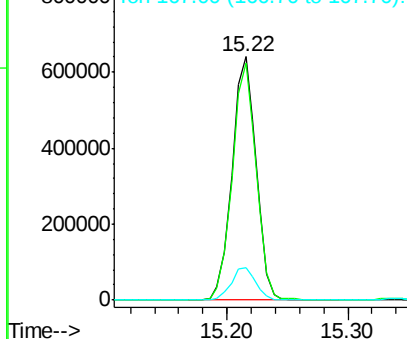
Lab File: BM018251.D

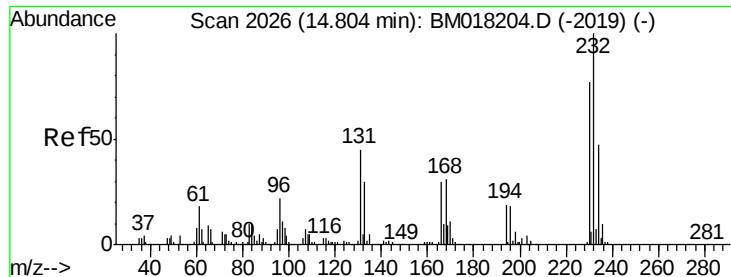
Acq: 17 Dec 2018 16:26

Tgt	Ion	Resp	Lower	Upper
166	100			
165	97.3	76.9	115.3	
167	13.5	10.5	15.7	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





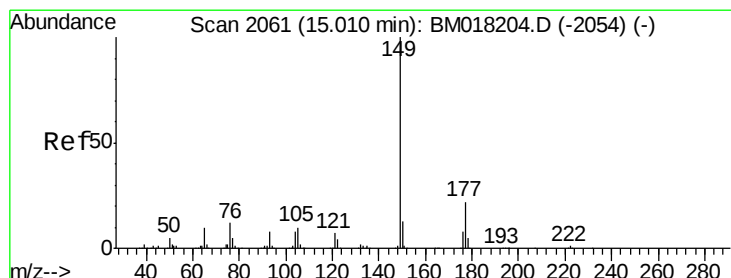
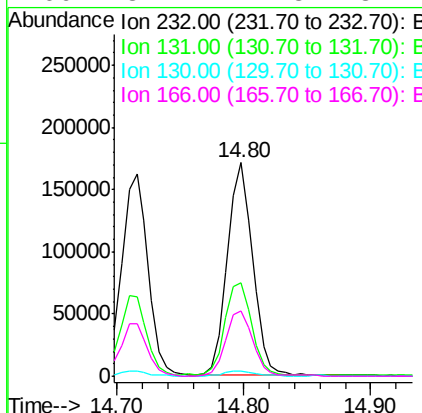
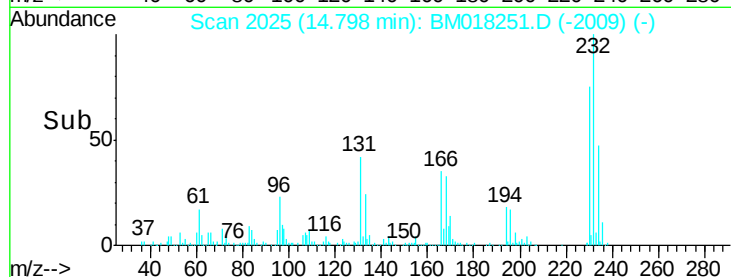
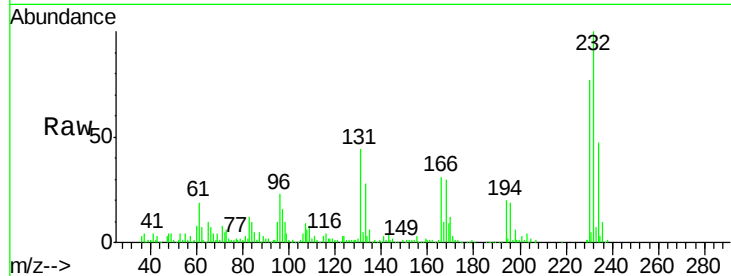
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.529 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	236399		
131	46.4	36.2	54.2	
130	3.5	1.8	2.6	
166	32.1	24.8	37.2	

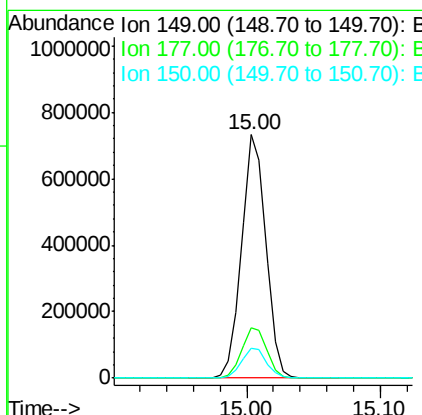
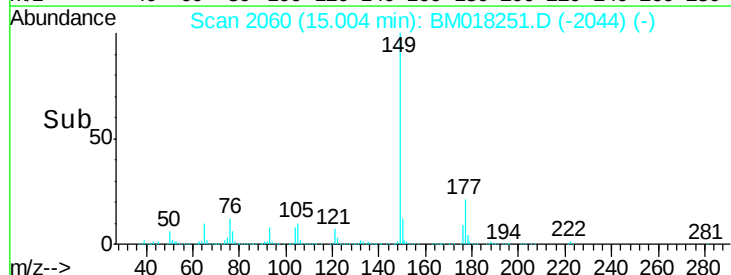
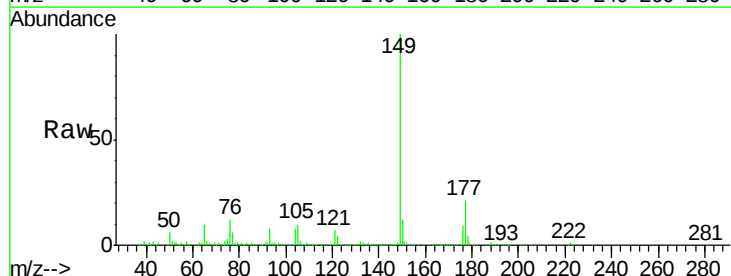
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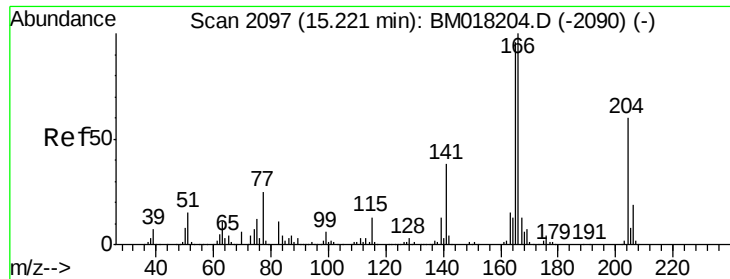
Sohil
12/18/2018 6:15:00 PM



#60
Diethylphthalate
Concen: 40.606 ng
RT: 15.00 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	914619		
177	20.9	17.8	26.8	
150	12.2	10.3	15.5	





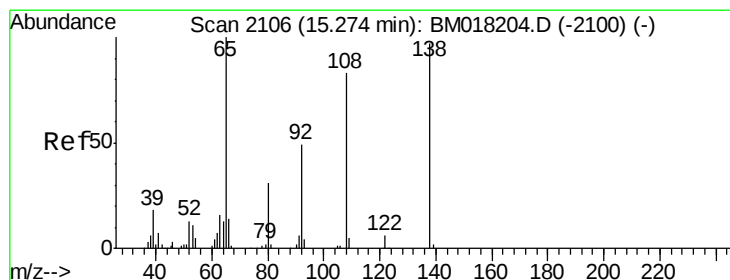
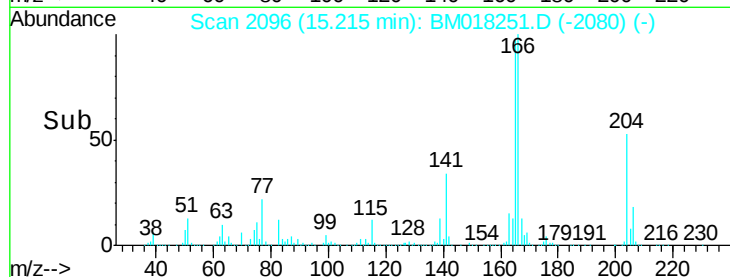
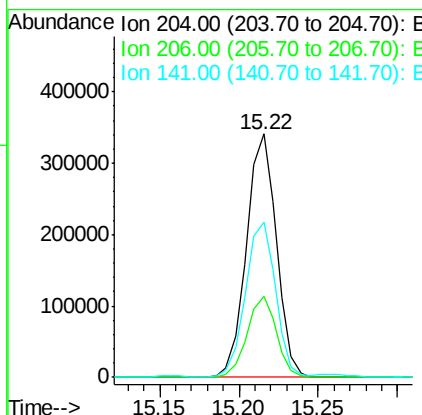
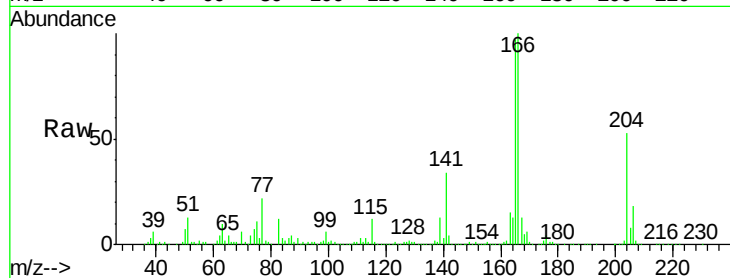
#61
4-Chlorophenyl-phenylether
Concen: 41.592 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	63.8	50.2	75.4

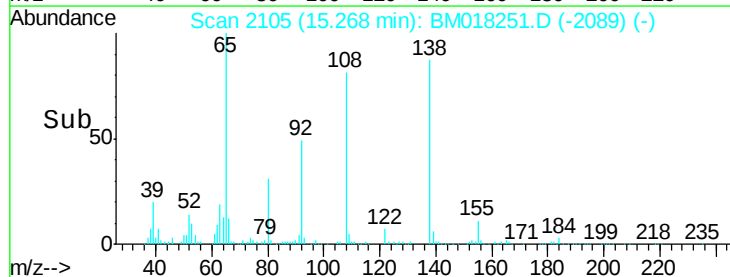
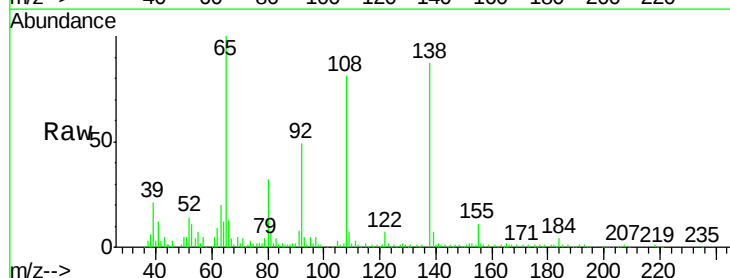
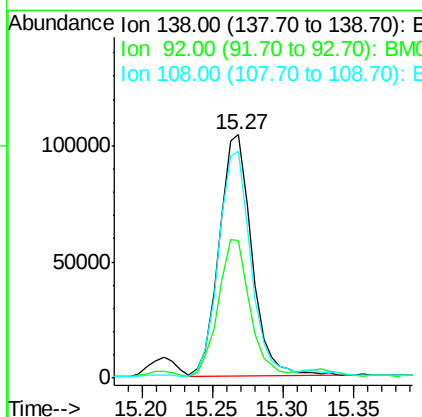
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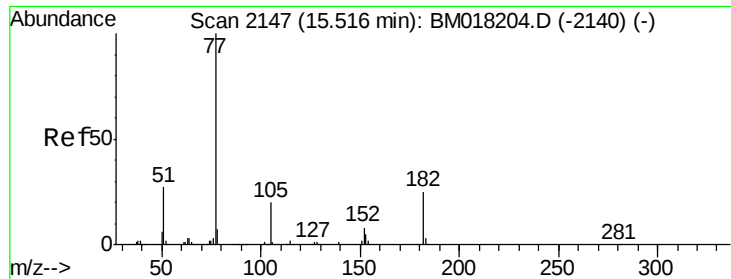
Sohil
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#62
4-Nitroaniline
Concen: 36.340 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.4	31.1	71.1
108	93.0	65.0	105.0





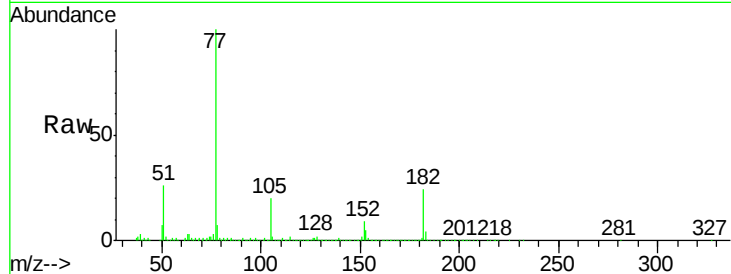
#63
Azobenzene
Concen: 43.209 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	887430		
182	24.4	4.6	44.6	
105	20.4	0.2	40.2	
51	26.3	7.0	47.0	

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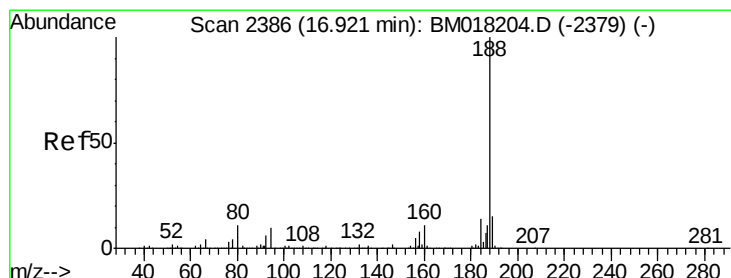
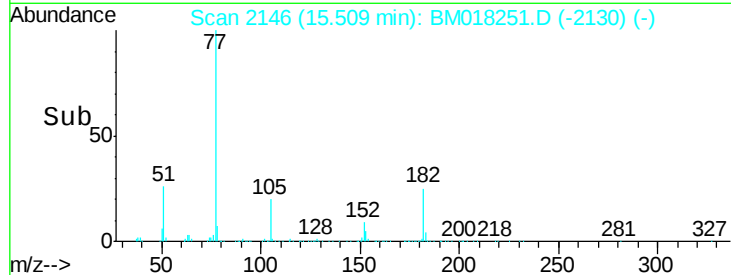
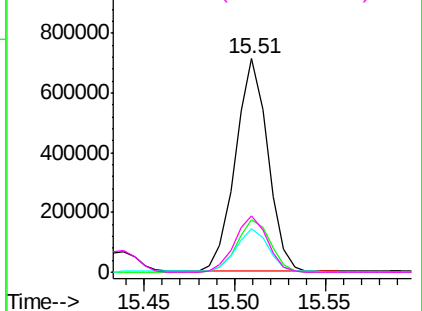


Abundance Ion 77.00 (76.70 to 77.70): BM018251.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018251.D (-2130) (-)



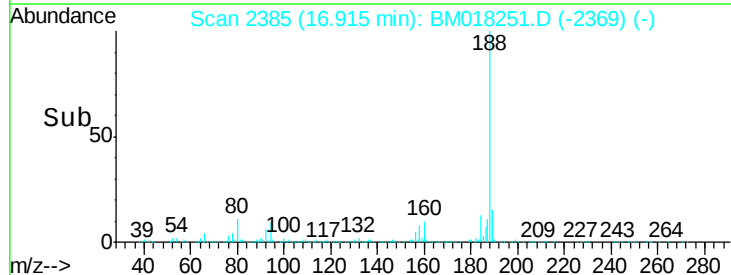
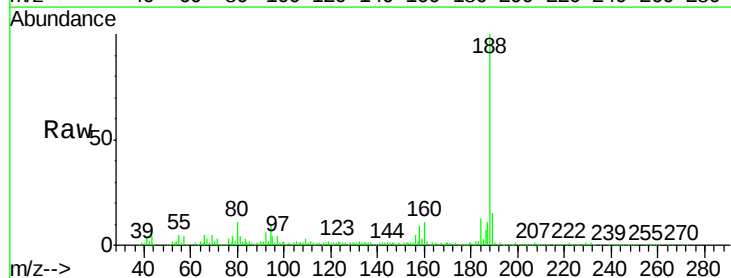
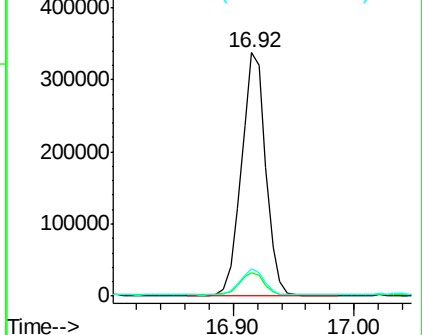
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

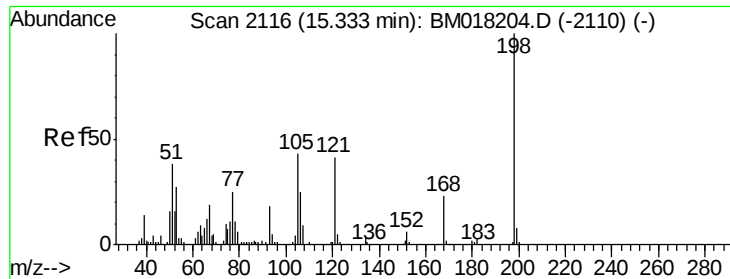
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	473402		
94	9.6	8.0	12.0	
80	11.5	9.0	13.6	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018251.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM018251.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 38.512 ng

RT: 15.33 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

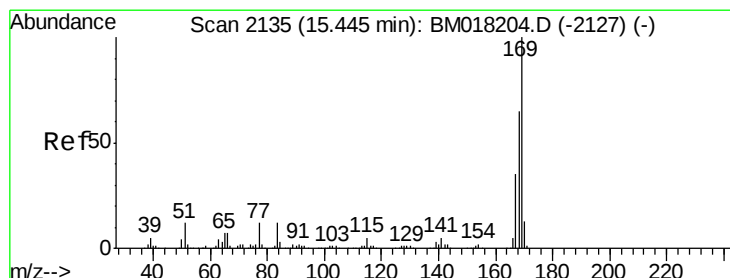
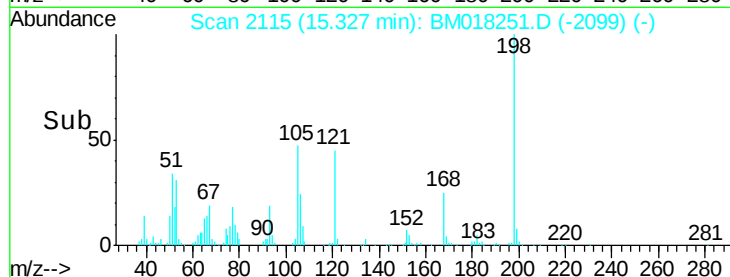
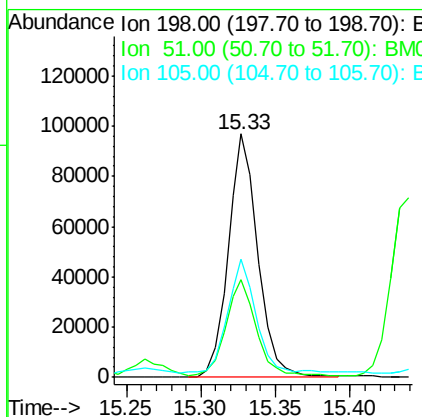
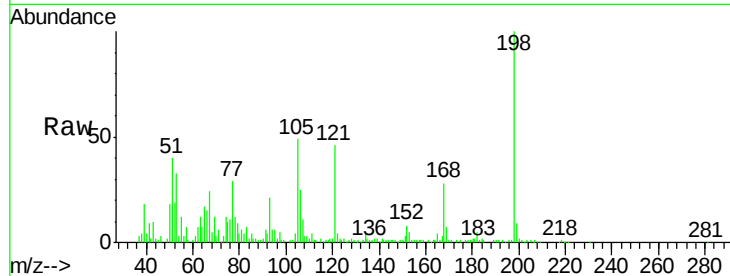
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	198	Resp:	134216
Ion Ratio	Lower	Upper	
198	100		
51	40.3	18.6	58.6
105	48.7	22.9	62.9

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#66

n-Nitrosodiphenylamine

Concen: 48.331 ng

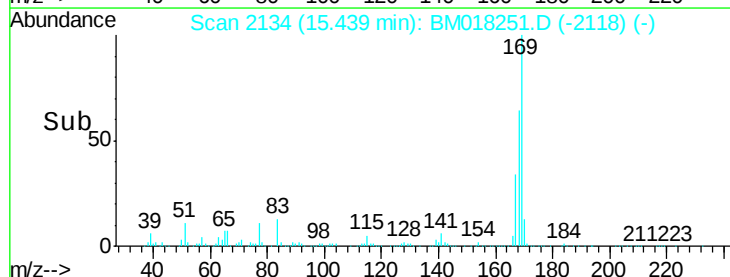
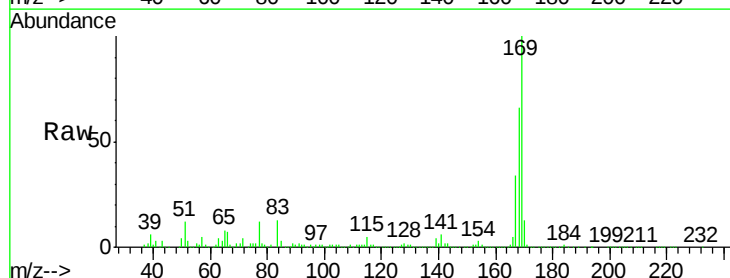
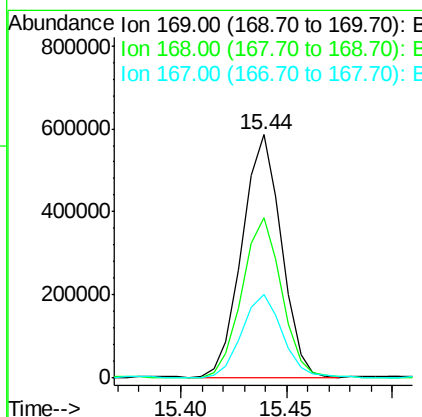
RT: 15.44 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	169	Resp:	756604
Ion Ratio	Lower	Upper	
169	100		
168	65.8	52.2	78.4
167	34.3	27.6	41.4





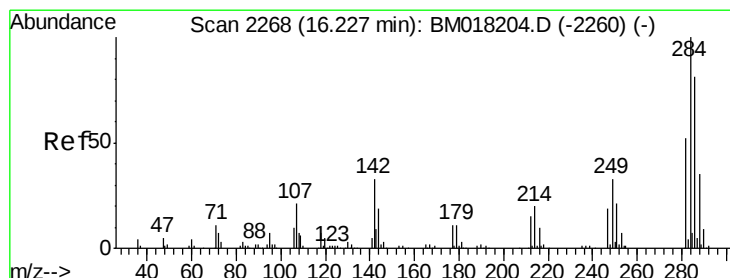
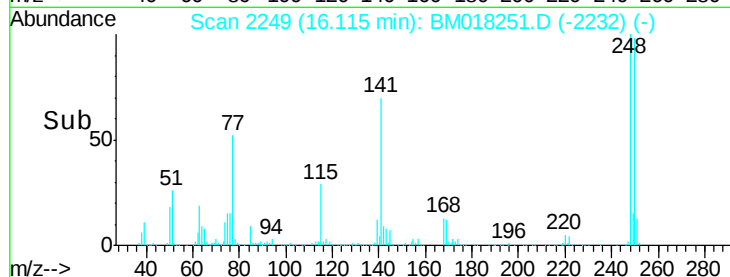
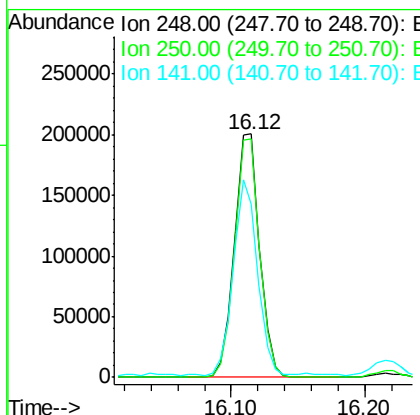
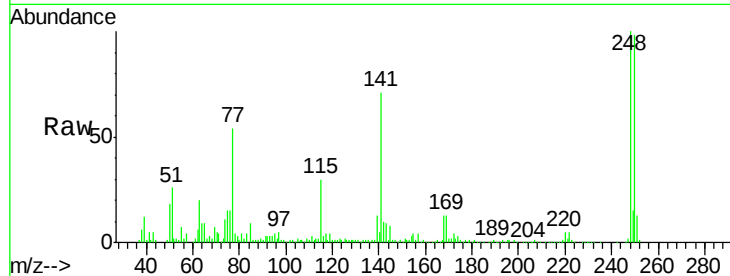
#67
4-Bromophenyl-phenylether
Concen: 46.142 ng
RT: 16.12 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.7	118.1
141	70.9	62.2	93.4

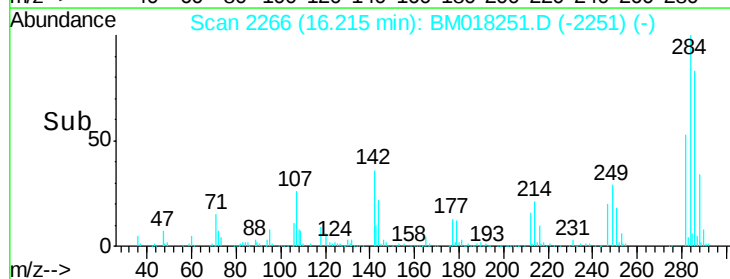
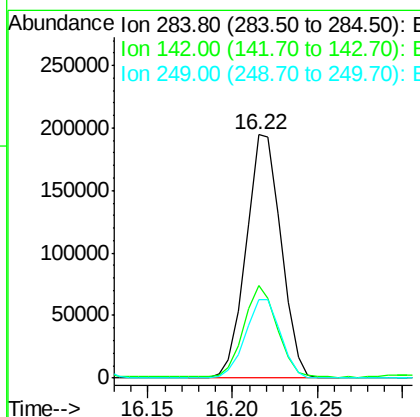
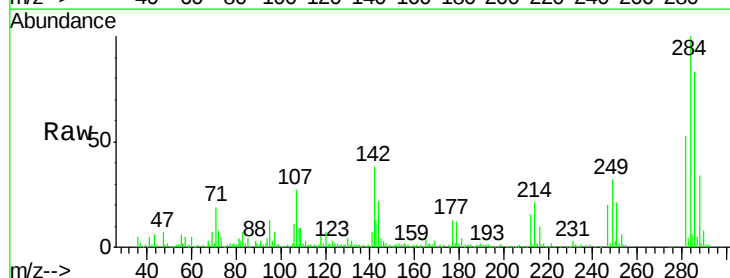
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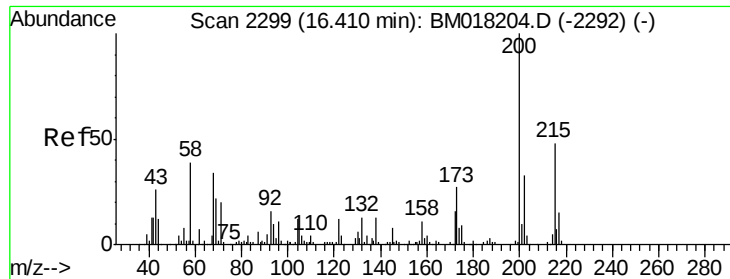
Sohil
12/18/2018 6:15:00 PM



#68
Hexachlorobenzene
Concen: 44.719 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	26.2	39.4
249	32.0	26.2	39.2





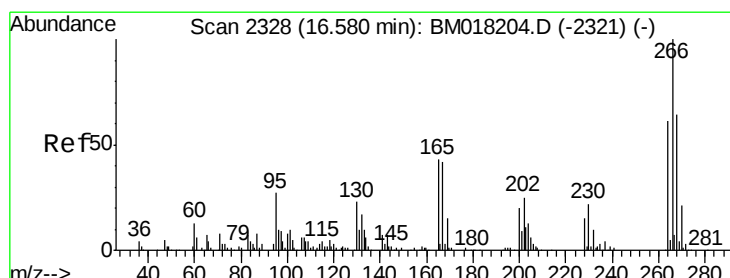
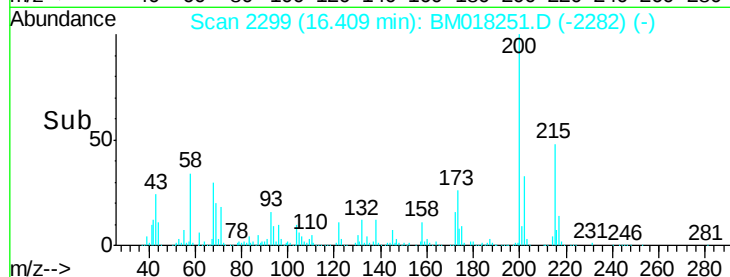
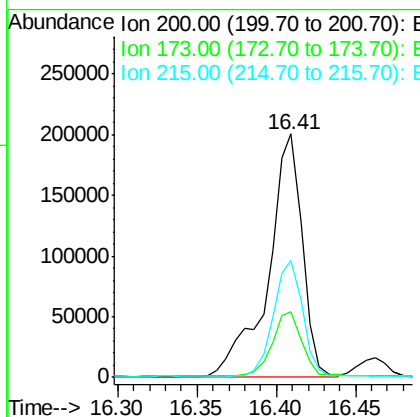
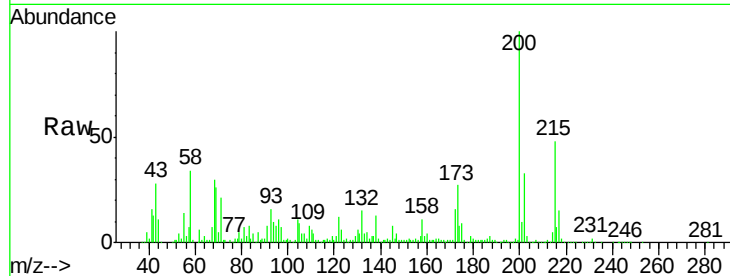
#69
 Atrazine
 Concen: 57.027 ng
 RT: 16.41 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	6.9	46.9
215	48.1	27.9	67.9

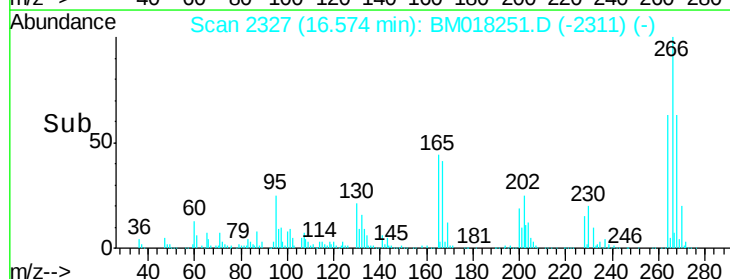
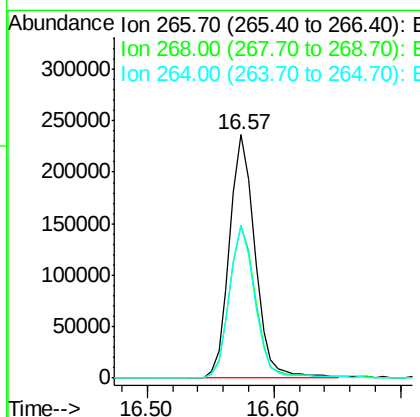
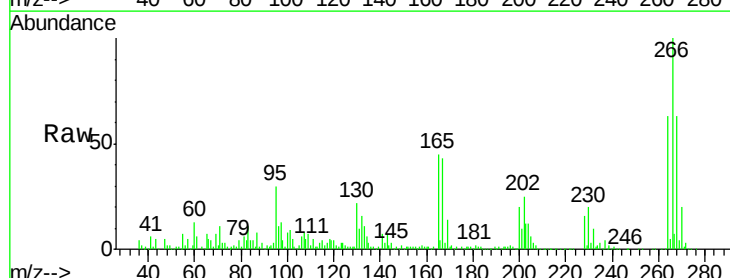
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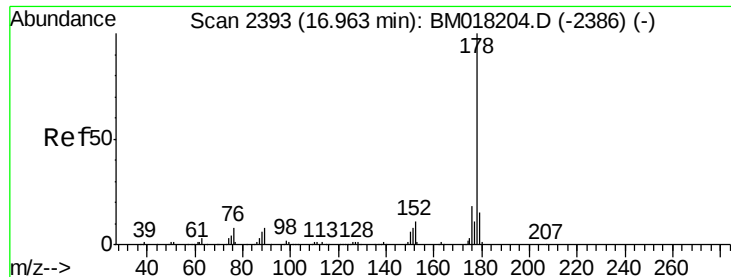
Sohil
 12/18/2018 6:15:00 PM



#70
 Pentachlorophenol
 Concen: 79.944 ng
 RT: 16.57 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.6	51.1	76.7
264	62.8	49.0	73.4





#71

Phenanthrene

Concen: 49.755 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:178 Resp: 1279405

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

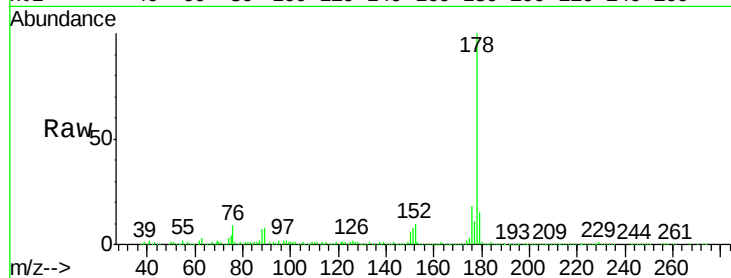
179 15.0 12.0 18.0

Manual Integrations

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Sohil

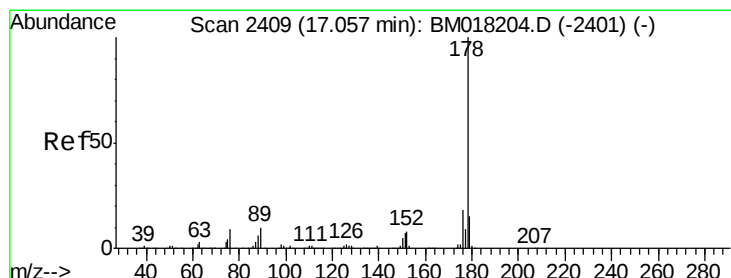
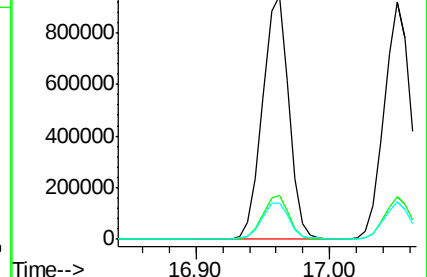
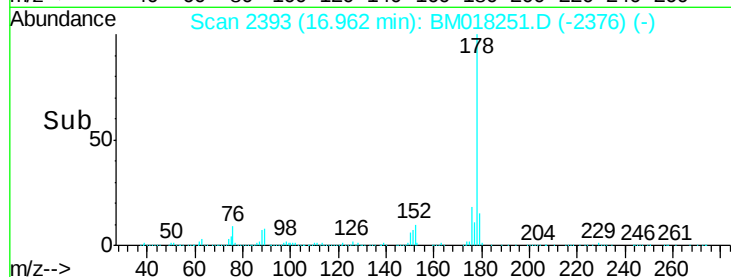
12/18/2018 6:15:00 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.862 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

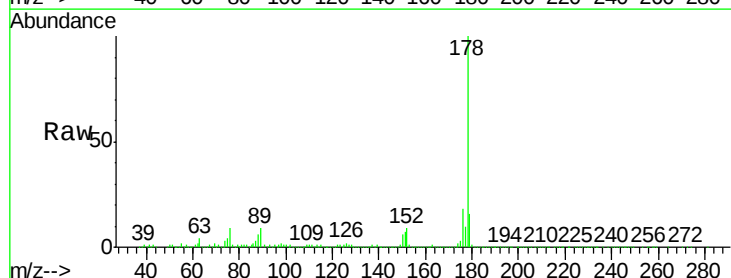
Tgt Ion:178 Resp: 1246482

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

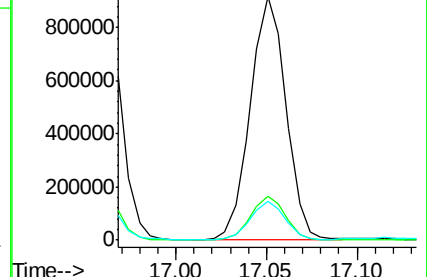
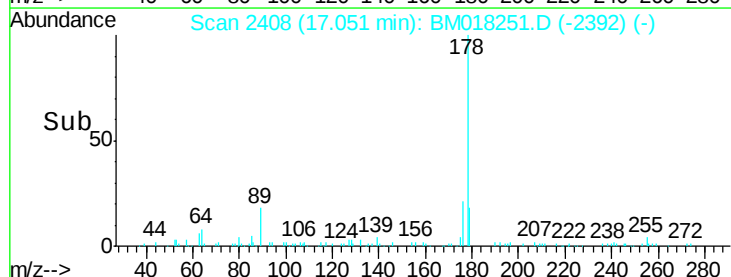
179 15.8 12.0 18.0

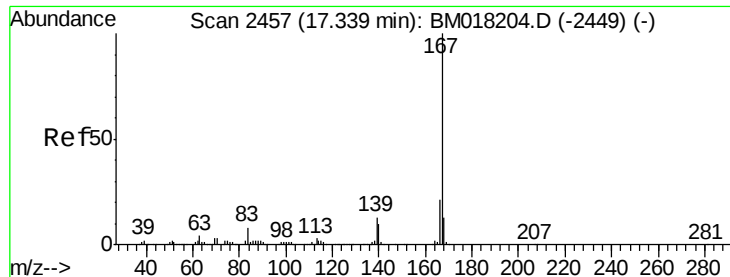


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





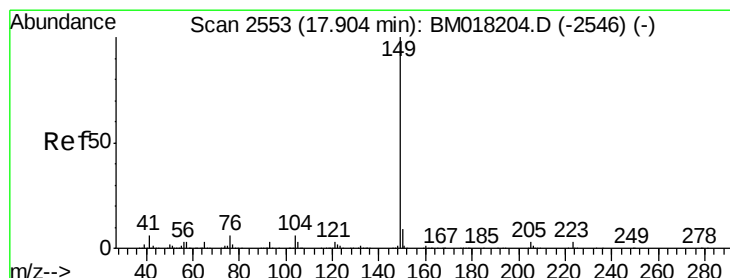
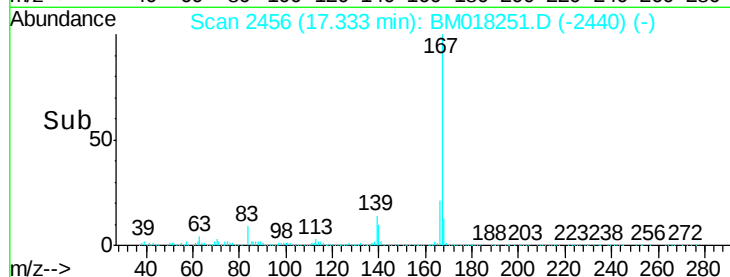
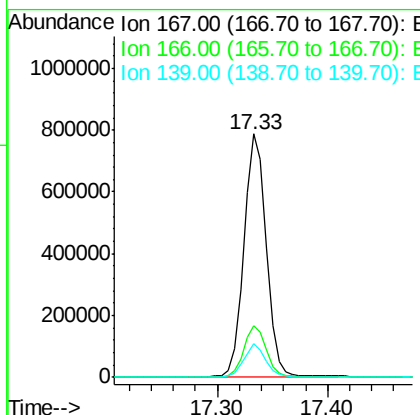
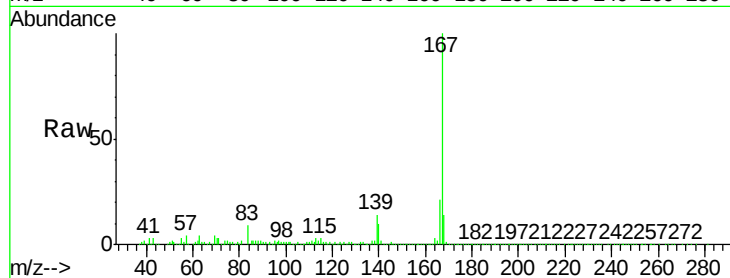
#73
 Carbazole
 Concen: 42.696 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion:167 Resp: 1117944
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 13.8 10.3 15.5

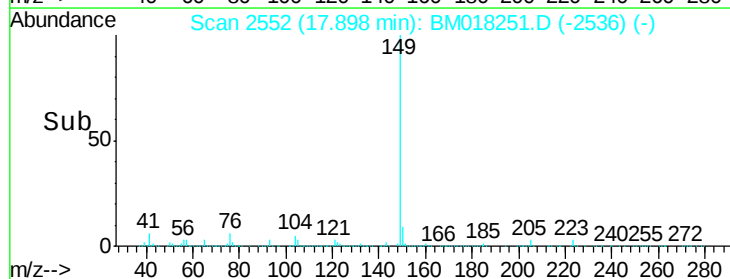
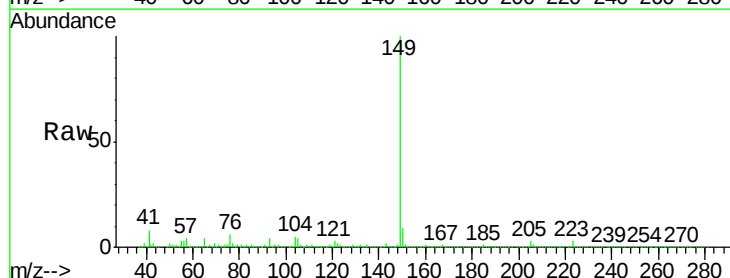
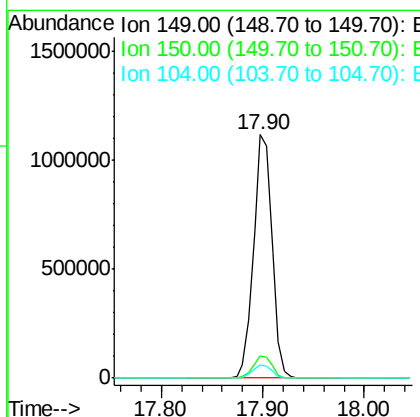
Manual Integrations
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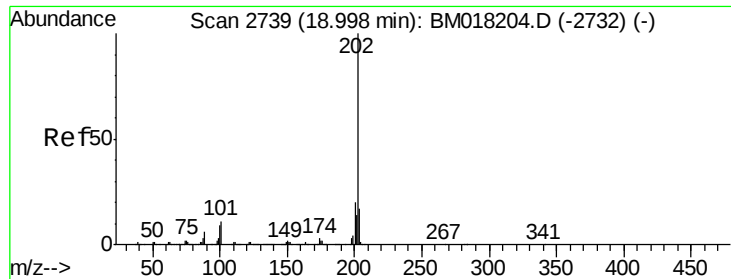
Sohil
 12/18/2018 6:15:00 PM



#74
 Di-n-butylphthalate
 Concen: 43.374 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion:149 Resp: 1401304
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.5 4.8 7.2





#75

Fluoranthene

Concen: 45.730 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

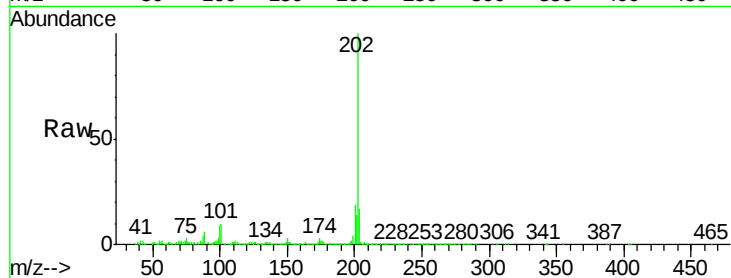
ClientSampleId :

P001-SD012-0612-01MSD

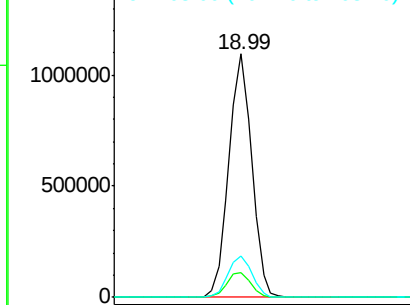
Tgt	Ion	Ratio	Lower	Upper
202	100			
101	10.4	0.0	30.5	
203	16.8	0.0	37.5	

Manual Integrations
APPROVED

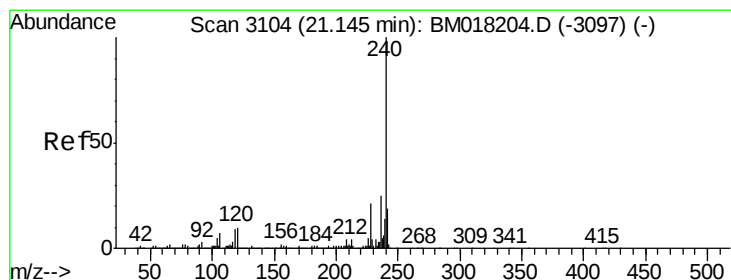
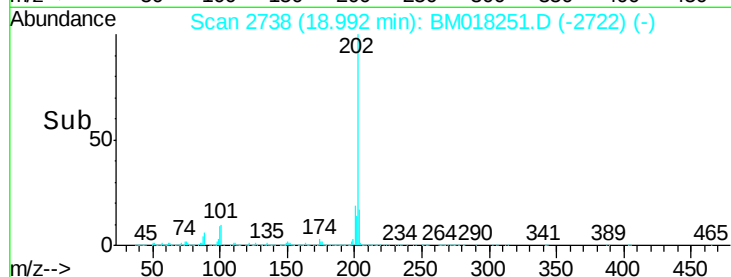
Sohil
12/18/2018 6:15:00 PM



Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 18.90 19.00 19.10



#76

Chrysene-d12

Concen: 20.000 ng

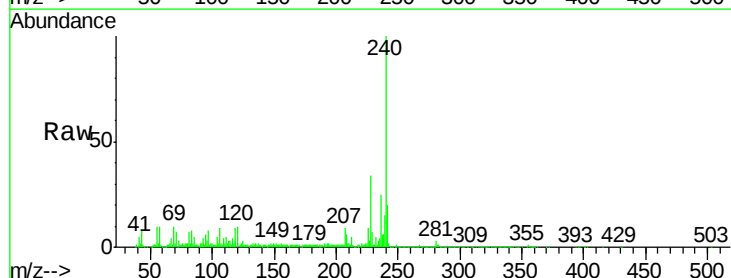
RT: 21.14 min Scan# 3104

Delta R.T. -0.00 min

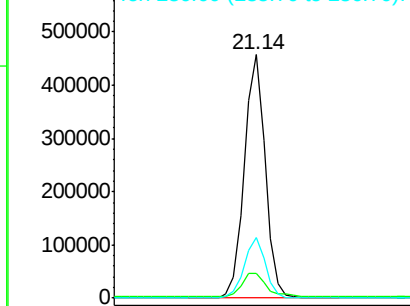
Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

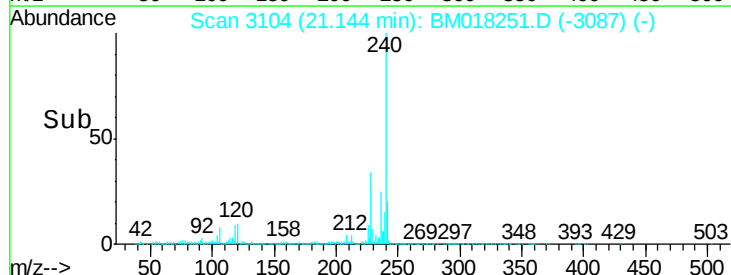
Tgt	Ion	Ratio	Lower	Upper
240	100			
120	10.2	8.2	12.2	
236	25.0	20.3	30.5	

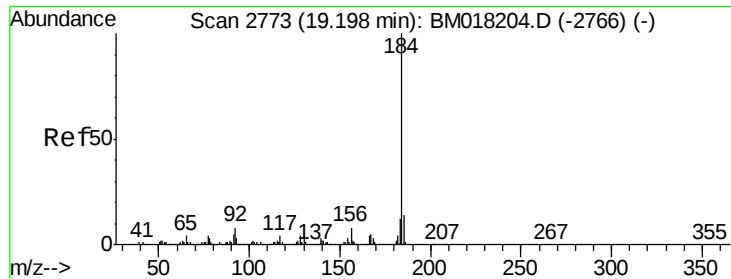


Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.10 21.20





#77

Benzidine

Concen: 39.977 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

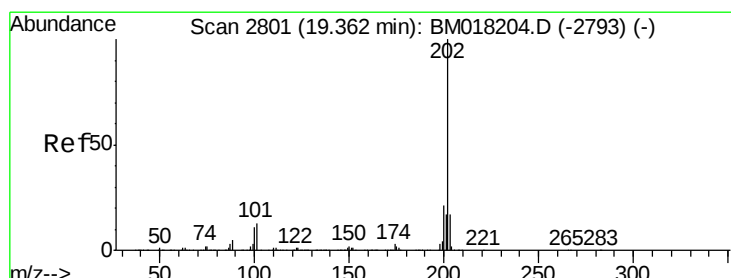
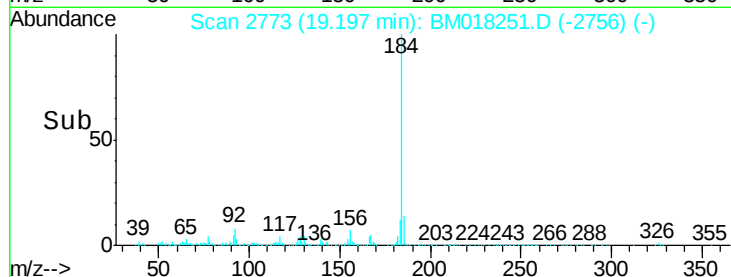
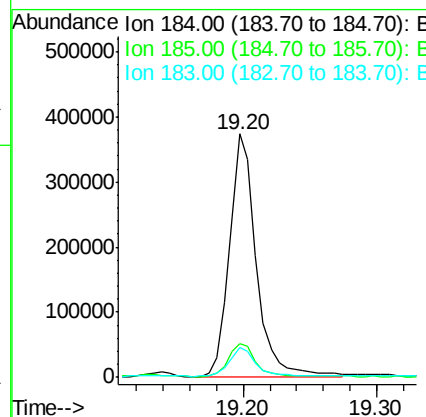
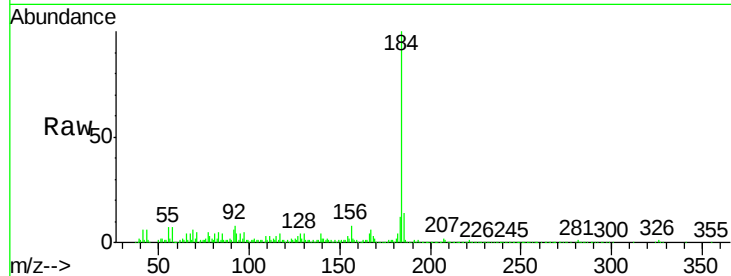
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.2
183	12.1	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 45.321 ng

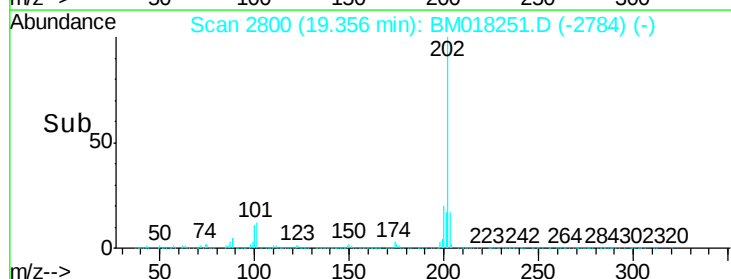
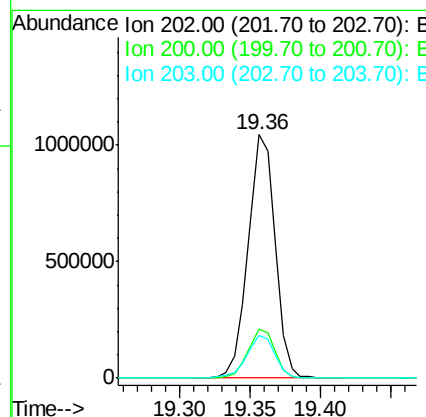
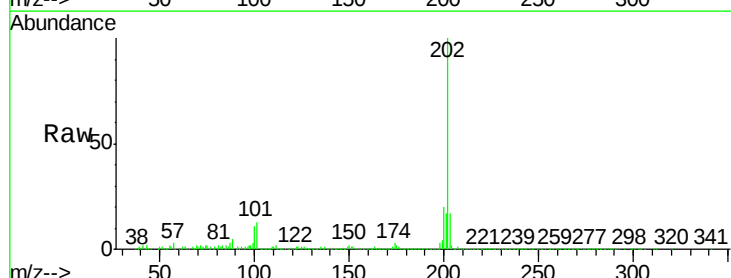
RT: 19.36 min Scan# 2800

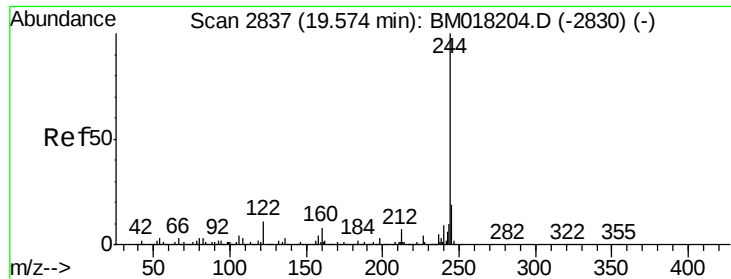
Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.5	24.7
203	17.4	14.0	21.0





#79

Terphenyl-d14

Concen: 77.906 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:244 Resp: 1794997

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

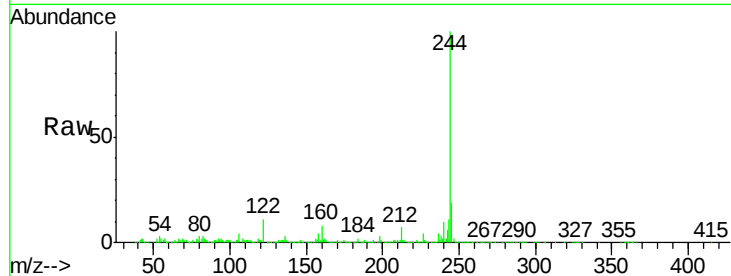
122 10.7 9.0 13.6

Manual Integrations

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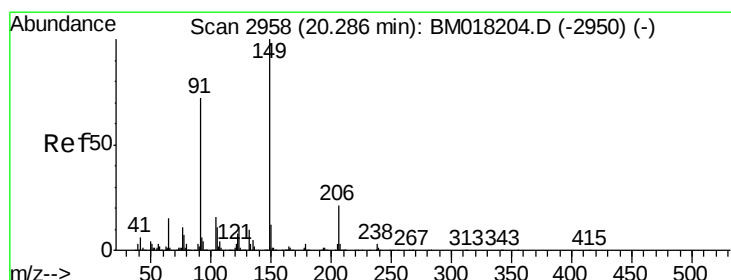
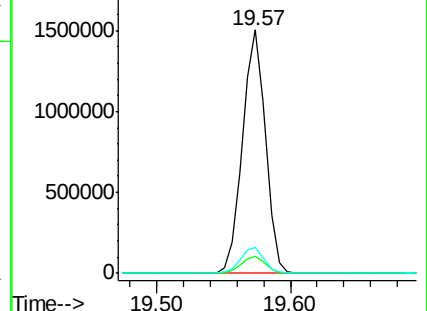
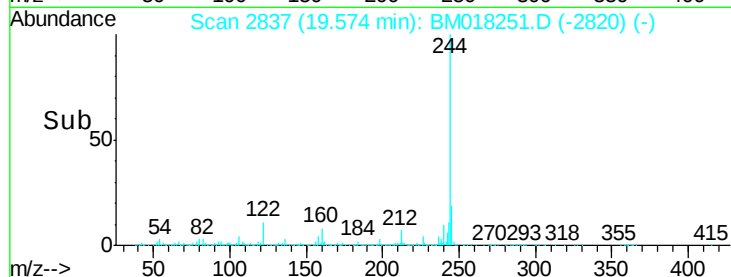
12/18/2018 6:15:00 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.366 ng

RT: 20.29 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

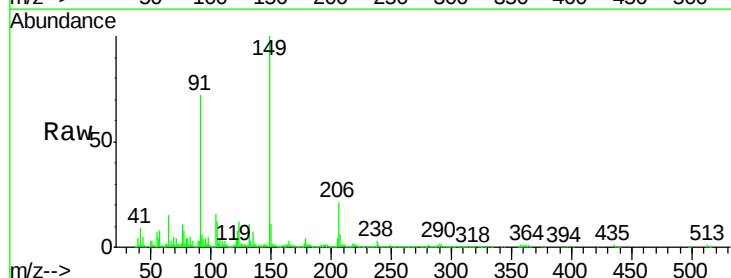
Tgt Ion:149 Resp: 655340

Ion Ratio Lower Upper

149 100

91 72.1 57.4 86.2

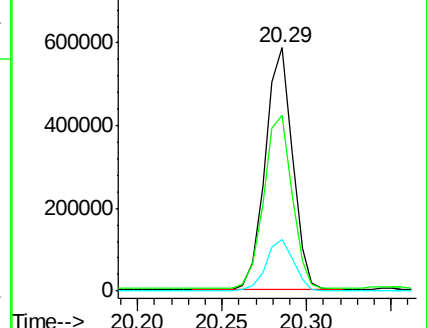
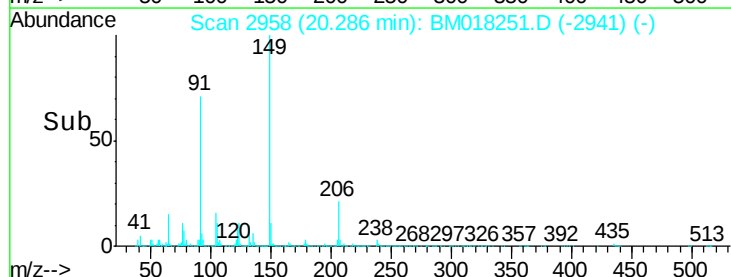
206 21.5 17.0 25.4

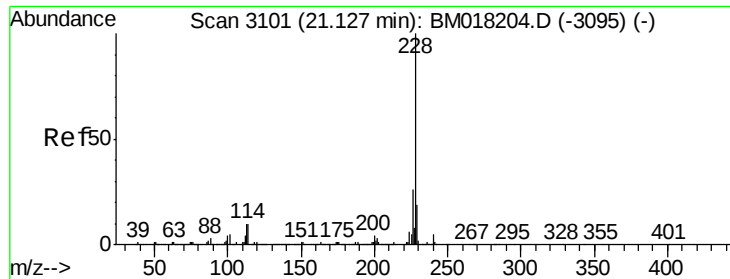


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





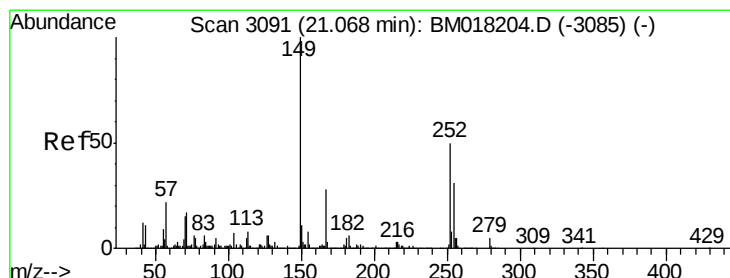
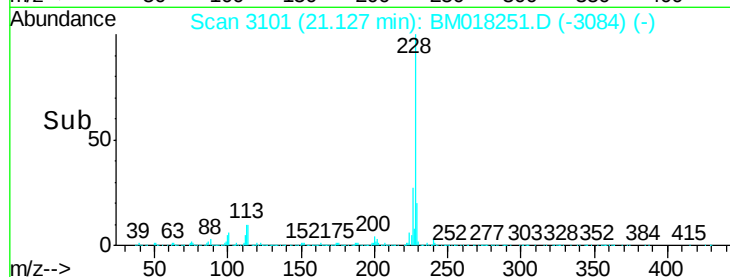
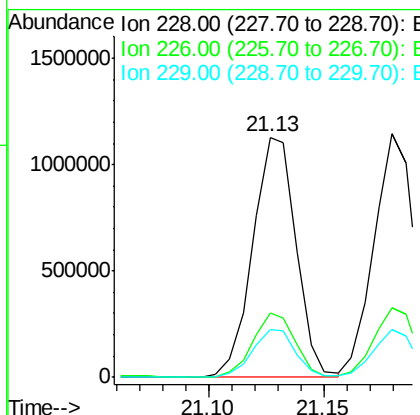
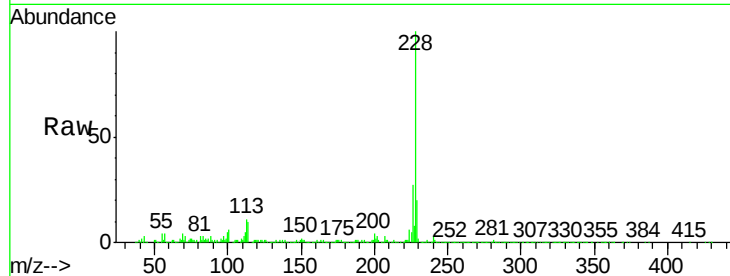
#81
Benzo(a)anthracene
Concen: 48.458 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion: 228 Resp: 1475042
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 20.1 15.5 23.3

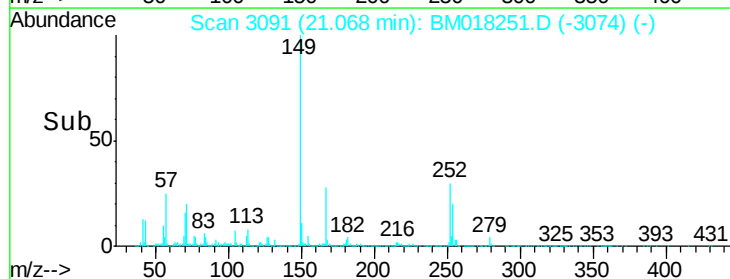
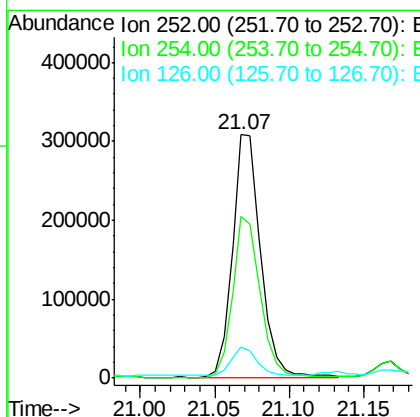
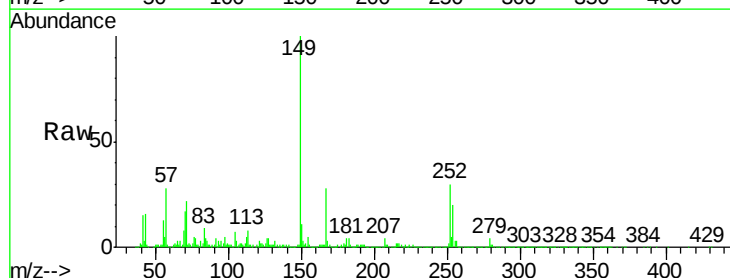
Manual Integrations
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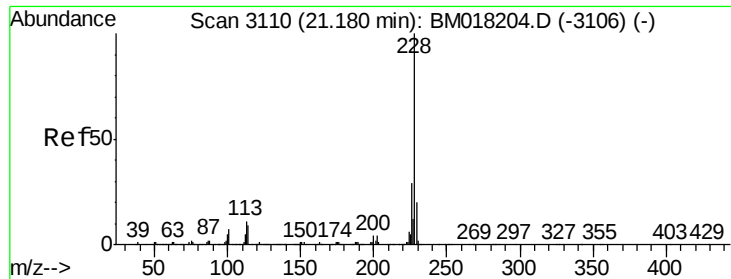
Sohil
12/18/2018 6:15:00 PM



#82
3,3'-Dichlorobenzidine
Concen: 33.355 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion: 252 Resp: 405632
Ion Ratio Lower Upper
252 100
254 66.2 50.4 75.6
126 12.8 9.4 14.0





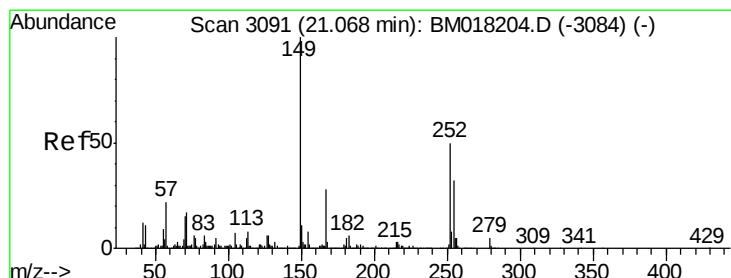
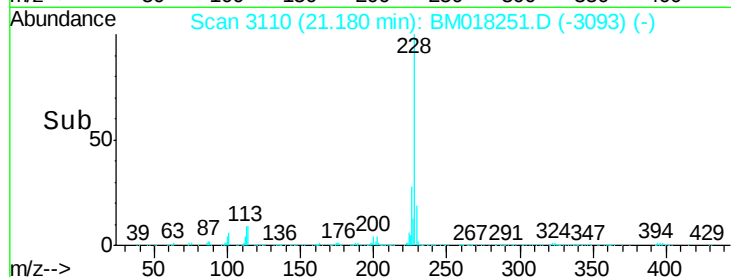
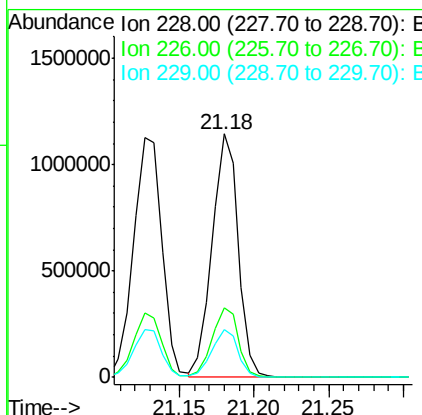
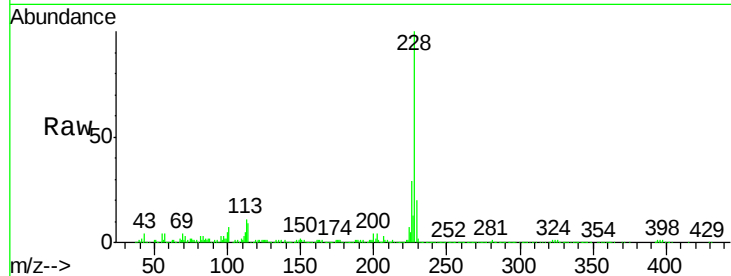
#83
 Chrysene
 Concen: 47.570 ng
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

Tgt Ion: 228 Resp: 1392792
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.1 34.7
 229 19.6 15.8 23.6

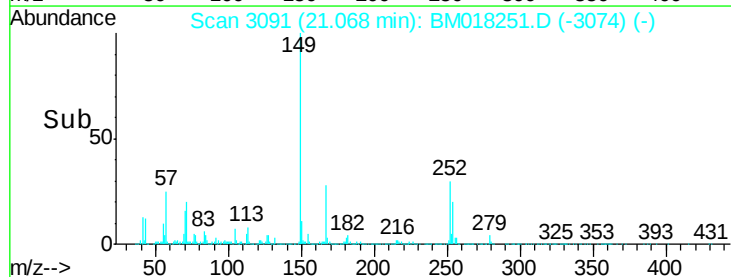
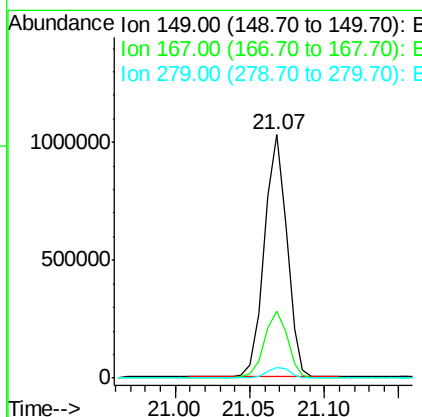
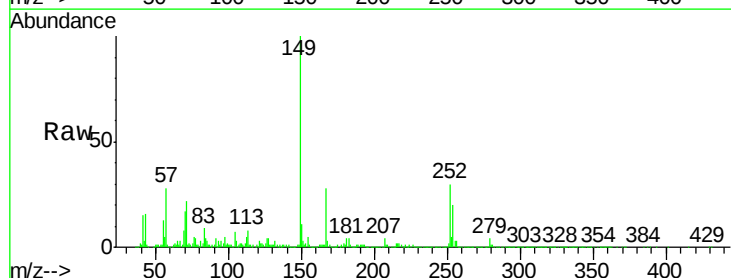
Manual Integrations
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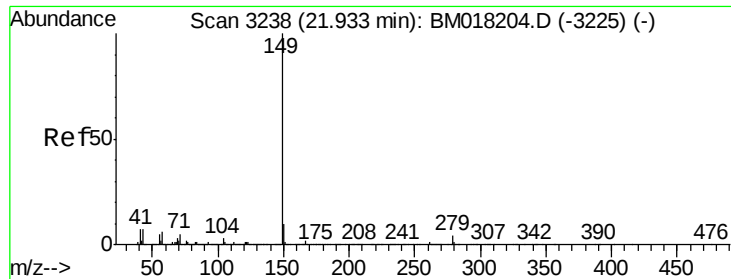
Sohil
 12/18/2018 6:15:00 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.449 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion: 149 Resp: 1066567
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.7 34.1
 279 4.5 3.9 5.9





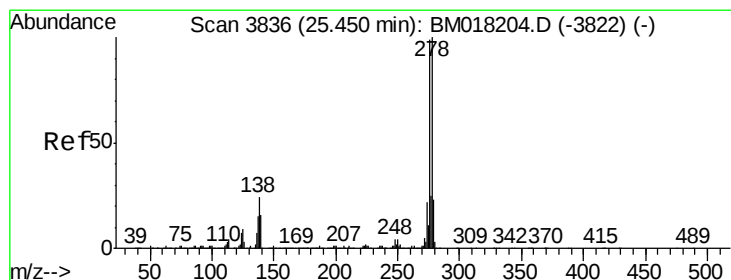
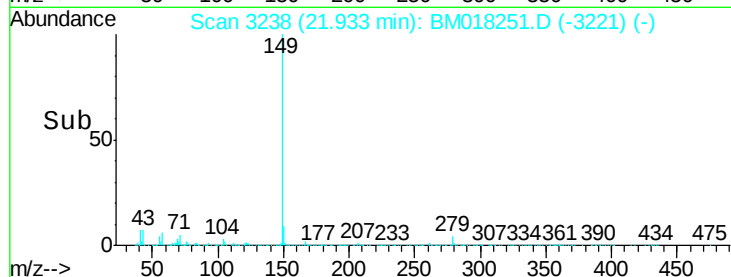
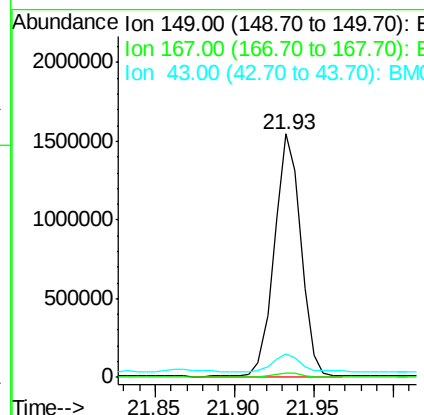
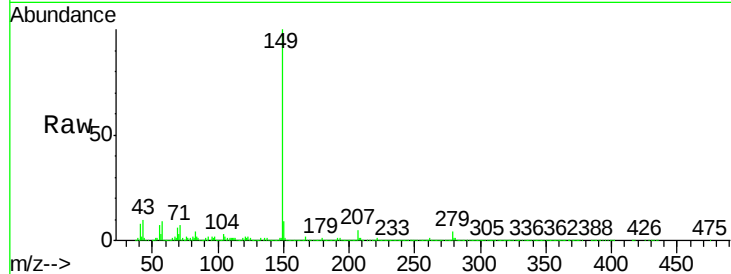
#85
Di-n-octyl phthalate
Concen: 49.590 ng
RT: 21.93 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.5	6.2	9.4

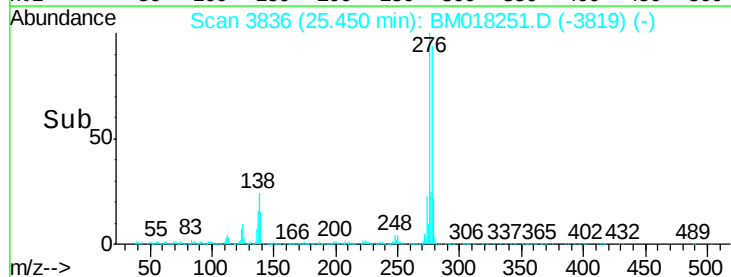
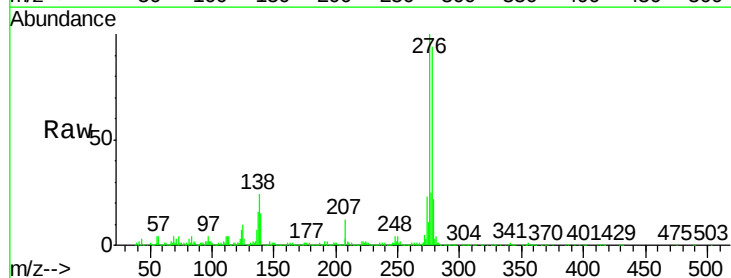
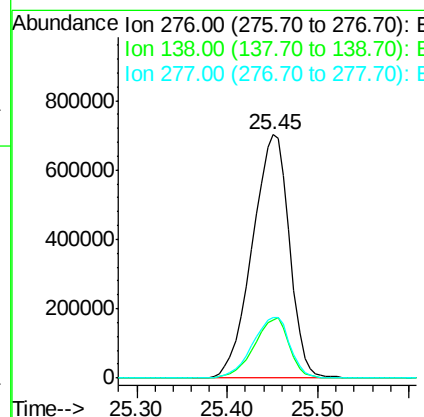
Manual Integrations
APPROVED

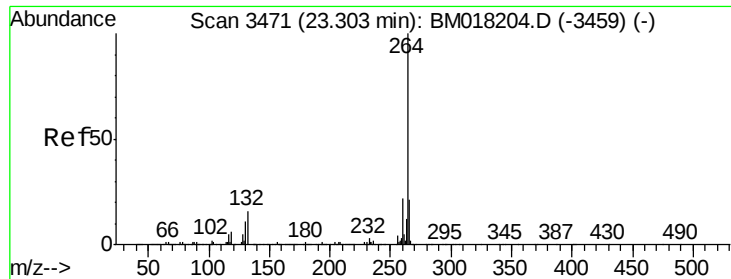
Sohil
12/18/2018 6:15:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 68.110 ng
RT: 25.45 min Scan# 3836
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.6	28.0
277	25.2	20.3	30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

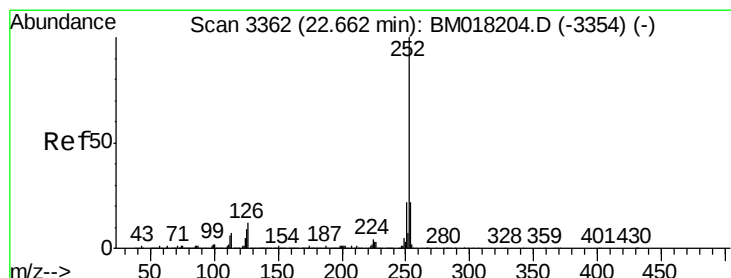
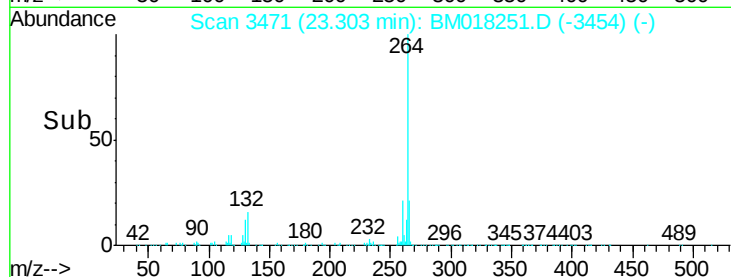
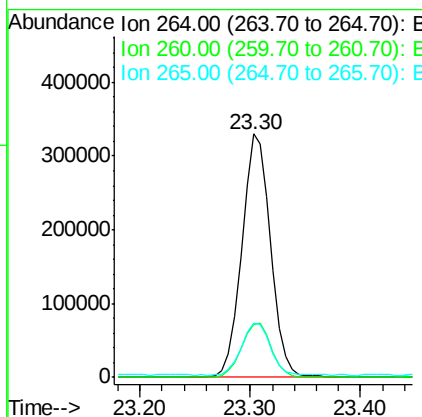
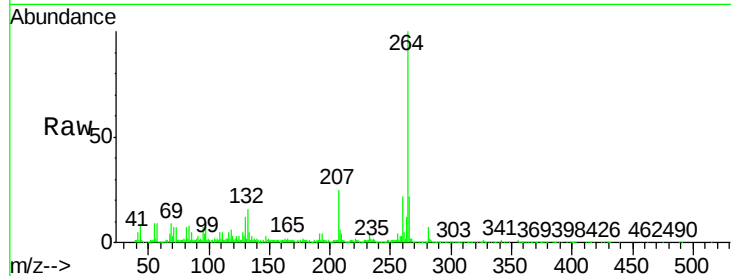
ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion:	264	Resp:	598856
Ion Ratio		Lower	Upper
264	100		
260	21.5	17.5	26.3
265	22.5	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 49.377 ng

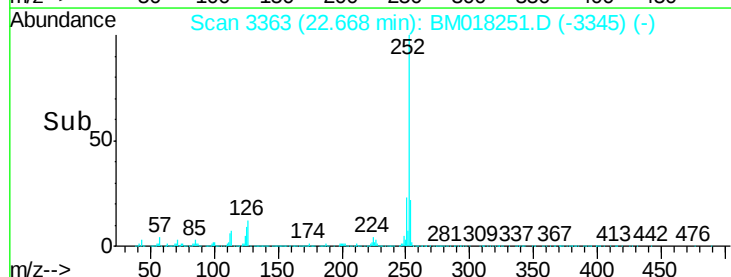
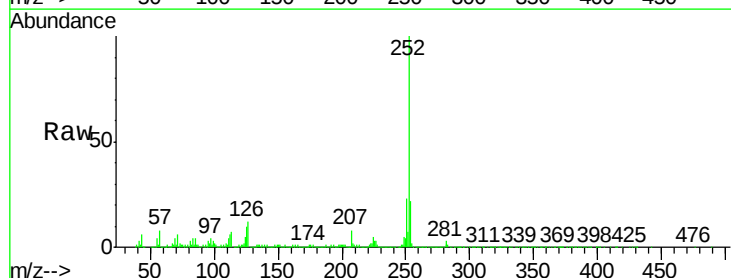
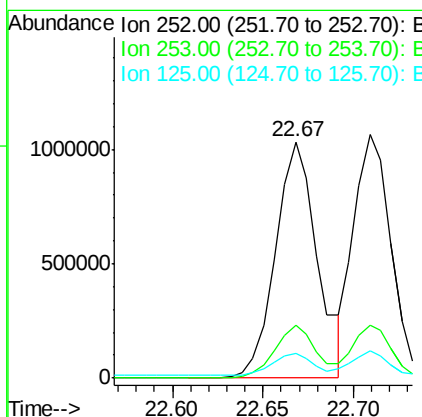
RT: 22.67 min Scan# 3363

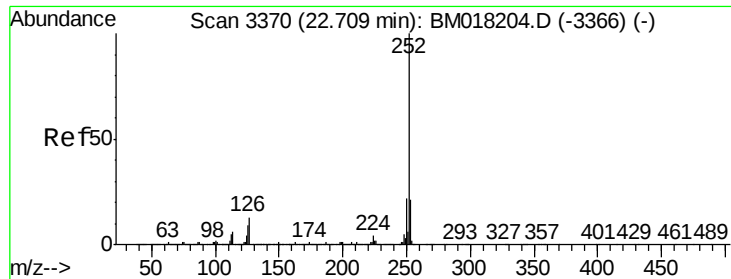
Delta R.T. 0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:	252	Resp:	1661000
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.2	7.4	11.0





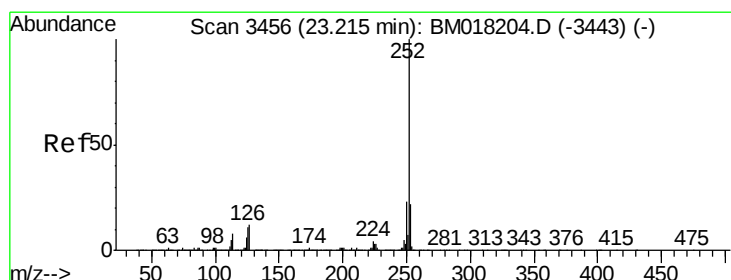
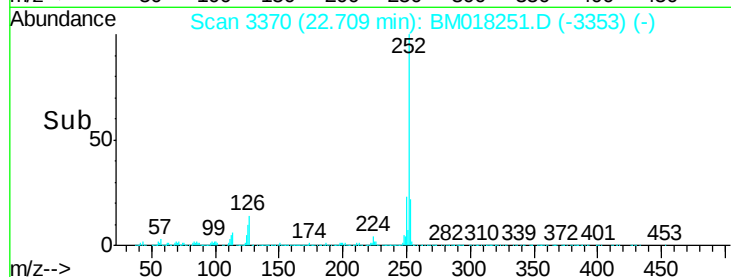
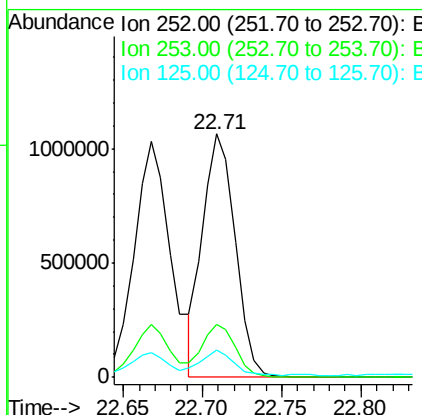
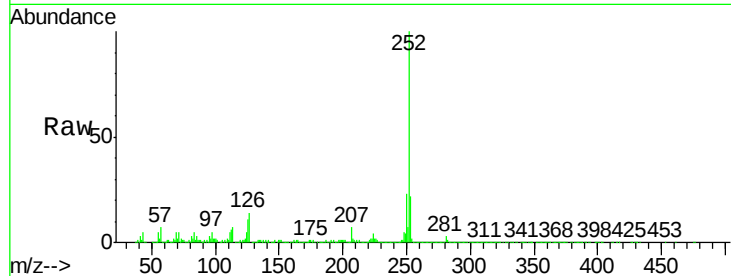
#89
Benzo(k)fluoranthene
Concen: 45.300 ng
RT: 22.71 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.9	25.3
125	11.3	7.5	11.3

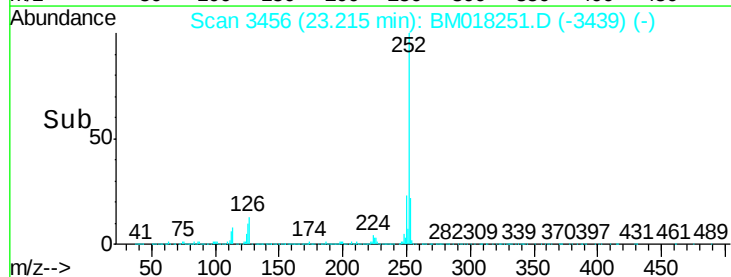
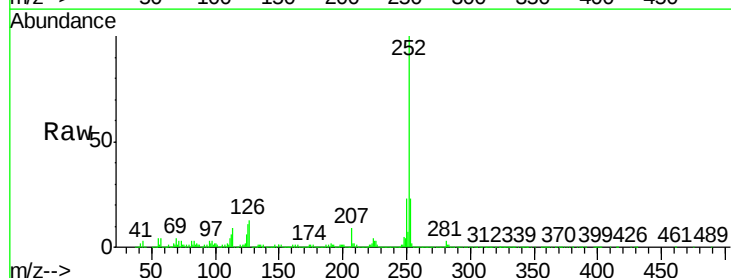
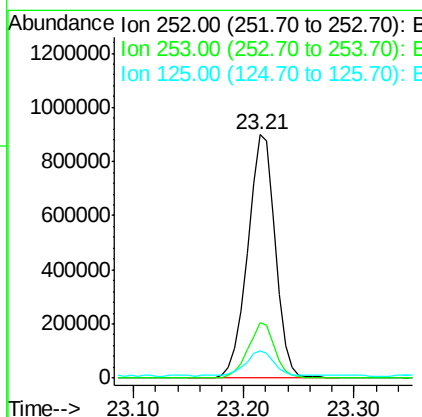
Manual Integrations
APPROVED

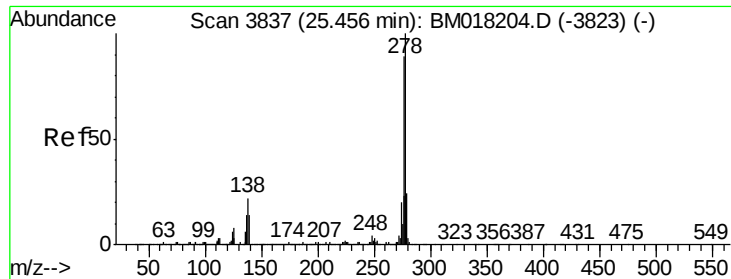
Sohil
12/18/2018 6:15:00 PM



#90
Benzo(a)pyrene
Concen: 49.271 ng
RT: 23.21 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.2	8.6	12.8





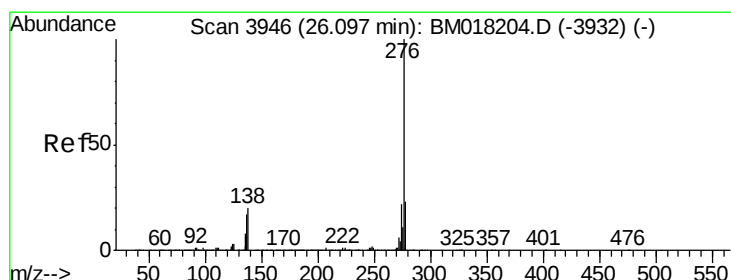
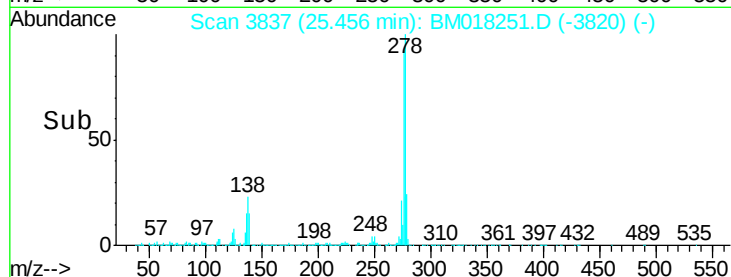
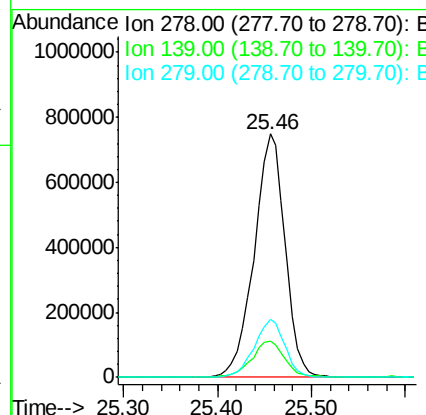
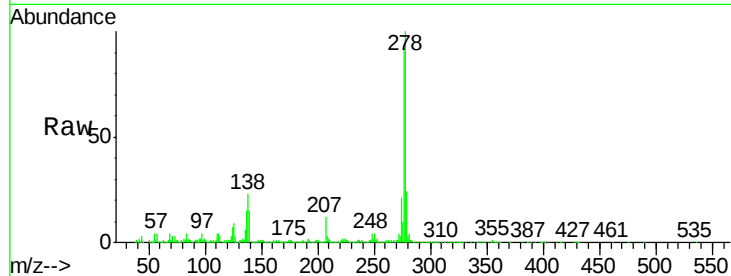
#91
Dibenzo(a,h)anthracene
Concen: 57.392 ng
RT: 25.46 min Scan# 3837
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.6	17.4
279	23.9	19.2	28.8

Manual Integrations
APPROVED

Sohil
12/18/2018 6:15:00 PM



#92
Benzo(g,h,i)perylene
Concen: 58.904 ng
RT: 26.10 min Scan# 3946
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	19.6	15.8	23.8

